# TFT-LCD TV

**Chassis** **Model**
**VE15EO** **LW15M23C**

# SERVICE Manual

## TFT-LCD TV

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# 1 Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

## 1-1 Safety Precautions

### 1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC Power Jack before servicing.

### 1-1-2 Servicing the LCD TV

1. When servicing the LCD TV Disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

### 1-1-3 Fire and Shock Hazard

Before returning the LCD TV to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the LCD TV.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):
   **WARNING: Do not use an isolation transformer during this test.**
   Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

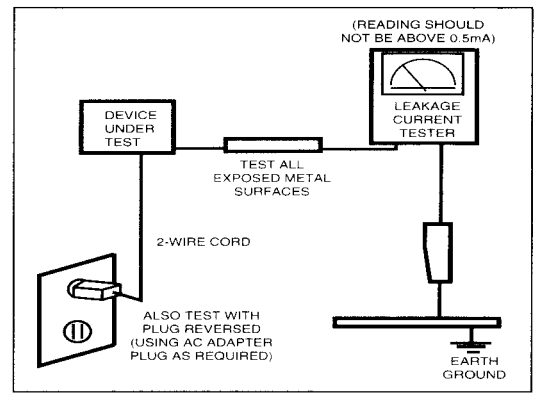

(READING SHOULD NOT BE ABOVE 0.5mA)
LEAKAGE CURRENT TESTER
DEVICE UNDER TEST
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

### 1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and / or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

## 1-2 Servicing Precautions

**WARNING:** **An electrolytic capacitor installed with the wrong polarity might explode.**

**Caution:** Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

**Note:** If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

### 1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:
   (a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

## 1-3 Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the TV.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   **Caution:** Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

# 2 Product Specifications

## 2-1 Specifications

| Item | Description | |
|---|---|---|
| LCD Panel | TFT-LCD panel, RGB vertical stripe, normaly white, 15-Inch viewable, 0.297 mm pixel pitch | |
| Scanning Frequency | Horizontal : 30 kHz ~ 60 kHz (Automatic)<br>Vertical : 56 Hz ~ 75 Hz (Automatic) | |
| Display Colors | 16.2 Million colors | |
| Maximum Resolution | Horizontal : 1024 Pixels<br>Vertical : 768 Pixels | |
| Input Video Signal | Analog 0.7 Vp-p ± 5% positive at 75 Ω, internally terminated | |
| Input Sync Signal | Type : Seperate H/V<br>Level : TTL level | |
| Active Display<br>Horizontal/Vertical | 304.1 mm / 228.1 mm | |
| AC power voltage & Frequency | AC 110 ~ 240V, 50 Hz ~ 60 Hz | |
| Power Consumption | 40 W | |
| Dimensions(W x D x H)<br>Set<br><br>Package | <br>14.2 x 2.5 x 13.3 Inches (360.2 x 64.2 x 338.6 mm)(State of stand disassembled)<br>14.2 x 7.6 x 15.5 Inches (360.2 x 192.9 x 396.5 mm)(State of stand installed)<br>18.4 x 17.0 x 6.0 Inches (467 x 431 x 153 mm) | |
| Weight<br>Set | <br>3.6 Kg (7.9 lbs) | |
| Environmental Considerations | Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C)<br>Operating Humidity : 10 % ~ 80 %<br>Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C)<br>Storage Humidity : 5 % ~ 95 % | |
| TV System | Tunning | Frequency Synthesize |
| | System | NTSC-M, PAL/Secam_L/L(Euro multi) |
| | Sound | MONO, STEREO, SAP, A2/Nicam |
| Antena Input | 75Ω, Coaxial Cable | |
| Sound Characteristic | – MAX Internal speaker Output : Right => 2.5W<br>Left => 2.5W | |
| | – Headphone Out: 10mW max (3.50 Stereo Jack 32)<br>– Output Frequency : RF => 80 Hz ~ 15 kHz at -3dB<br>A/V => 80 Hz ~ 20 kHz at -3dB | |

## 2-2 Pin Assignments

### 2-2-1 Scart

| No | PIN |
|---|---|
| 1 | Sound R out |
| 2 | Sound R In |
| 3 | Sound L out |
| 4 | GND |
| 5 | GND |
| 6 | Sound L In |
| 7 | Cb |
| 8 | ID |
| 9 | GND |
| 10 | NC |
| 11 | Y |
| 12 | NC |
| 13 | GND |
| 14 | GND |
| 15 | Cr |
| 16 | BL In |
| 17 | GND |
| 18 | GND |
| 19 | Video Out |
| 20 | Video In |
| 21 | GND |

### 2-2-2 S-Video

| Pin | Separate |
|---|---|
| 1 | GND |
| 2 | Y |
| 3 | C |
| 4 | GND |
| 5 | GND |

### 2-2-3 A/V

| | |
|---|---|
| RCA Yellow | CVBS |
| RCA White | Audio L |
| | GND |
| RCA Red | Audio R |
| | GND |

### 2-2-4 D-SUB

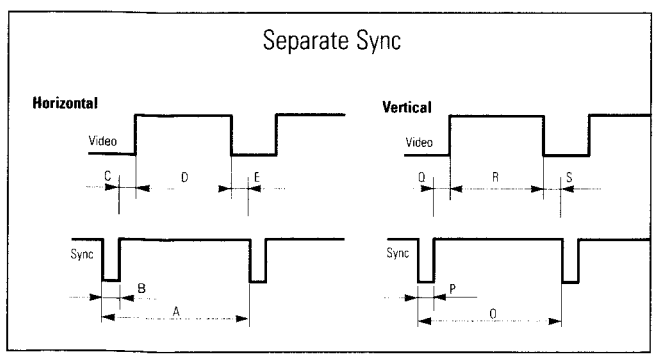
| Pin | Separate |
|---|---|
| 1 | Red |
| 2 | Green |
| 3 | Blue |
| 4 | GND |
| 5 | GND (DDC Return) |
| 6 | GND-Red |
| 7 | GND-Green |
| 8 | GND-Blue |
| 9 | No Connection |
| 10 | GND-Sync / Self Test |
| 11 | GND |
| 12 | DDC Data |
| 13 | H - Sync |
| 14 | V - Sync |
| 15 | DDC Clock |

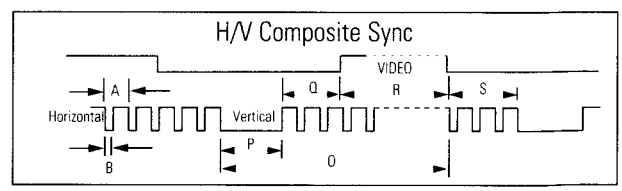
## 2-3 Timing Chart

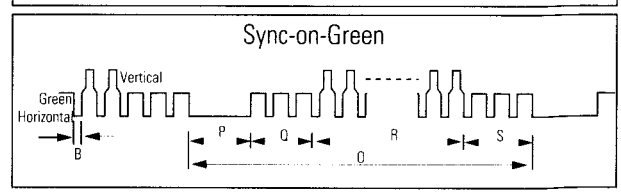
This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

Table 2-1 Timing Chart

| Mode / Timing | IBM | | VESA | | | | |
|---|---|---|---|---|---|---|---|
| | VGA2/ 70 Hz 720 x 400 | VGA3/ 60 Hz 640 x 480 | 640/75 Hz, 60Hz, 72Hz 640 x 480 | 800/75 Hz, 56Hz, 60Hz, 72Hz 800 x 600 | 1024/60Hz 1024 x 768 | 1024/75Hz 1024 x 768 | 1280/75Hz, 50Hz 1280 x 1024 |
| fH (KHz) | 31.469 | 31.469 | 37.500 | 46.875 | 48.363 | 60.023 | 79.976 |
| A µsec | 31.777 | 31.778 | 26.667 | 21.333 | 20.677 | 16.660 | 12.504 |
| B µsec | 3.813 | 3.813 | 2.032 | 1.616 | 2.092 | 1.219 | 1.067 |
| C µsec | 1.589 | 1.589 | 3.810 | 3.232 | 2.462 | 2.235 | 1.837 |
| D µsec | 26.058 | 26.058 | 20.317 | 16.162 | 15.754 | 13.003 | 9.481 |
| E µsec | 0.318 | 0.318 | 0.508 | 0.323 | 0.369 | 0.203 | 0.119 |
| fV (Hz) | 70.087 | 59.940 | 75.000 | 75.000 | 60.004 | 75.029 | 75.025 |
| O msec | 14.268 | 16.683 | 13.333 | 13.333 | 16.666 | 13.328 | 13.329 |
| P msec | 0.064 | 0.064 | 0.080 | 0.064 | 0.124 | 0.050 | 0.038 |
| Q msec | 0.858 | 0.794 | 0.427 | 0.448 | 0.600 | 0.466 | 0.475 |
| R msec | 13.155 | 15.761 | 12.800 | 12.800 | 15.880 | 12.795 | 12.804 |
| S msec | 0.191 | 0.064 | 0.027 | 0.021 | 0.062 | 0.017 | 0.013 |
| Clock Freq. (MHz) | 28.322 | 25.175 | 31.500 | 49.500 | 75.000 | 78.750 | 135.000 |
| Polarity H.Sync | Negative | Negative | Negative | Positive | Negative | Positive | Positive |
| V.Sync | Positive | Negative | Negative | Positive | Negative | Positive | Positive |
| Remark | Separate | Separate | Separate | Separate | Separate | Separate | Separate |




| | | | |
|---|---|---|---|
| A : Line time total | B : Horizontal sync width | O : Frame time total | P : Vertical sync width |
| C : Back porch | D : Active time | Q : Back porch | R : Active time |
| E : Front porch | | S : Front porch | |

# Memo

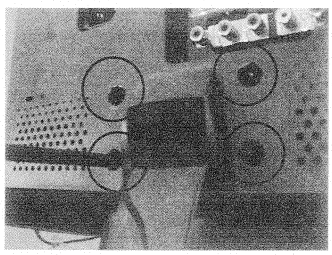
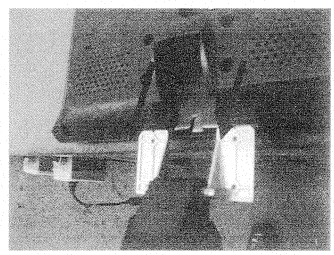
# 3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the LW15M23C TFT-LCD monitors.

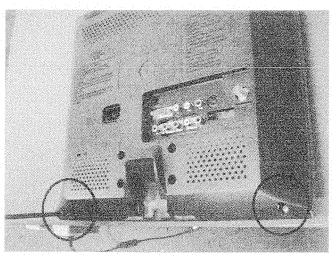
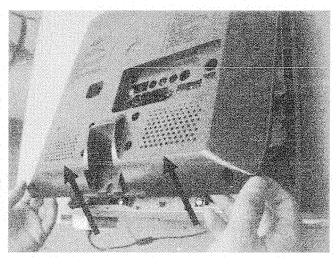
**WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.**

## 3-1 Disassembly

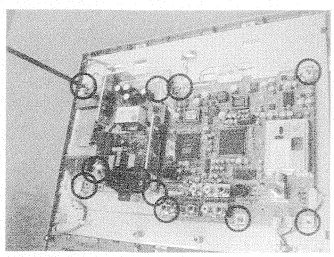
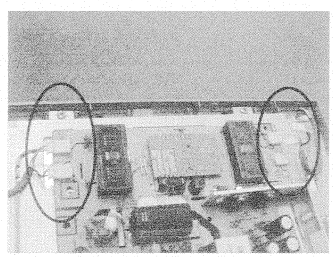
Cautions: 1. Disconnect the monitor from the power source before disassembly.
2. Follow these directions carefully; never use any metal instrument except provided jig to separate the cabinet.
3. R/Cover opening jig : BH81-00001A

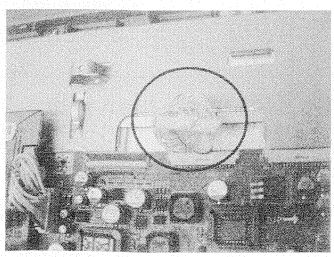
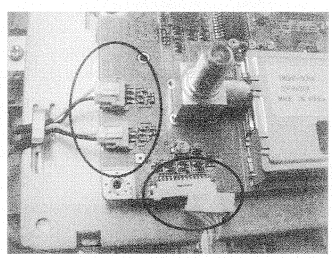
1. Place monitor face down on cushioned table. Remove 4 screws from grip on the stand and remove stand from the LCD TV.

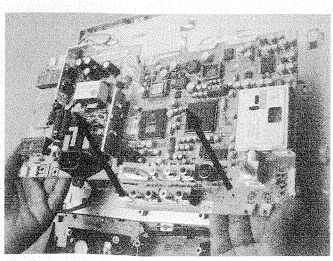
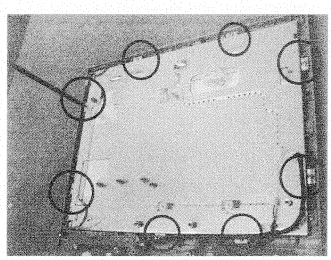
2. Remove 2 screws from the rear cover and lift up rear cover.

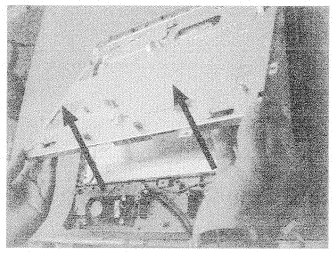
3. Remove 11 screws from the boards and disconnect inverter cables from the boards.

4. Disconnect LVDS cable, function cable and speaker cable from the board.

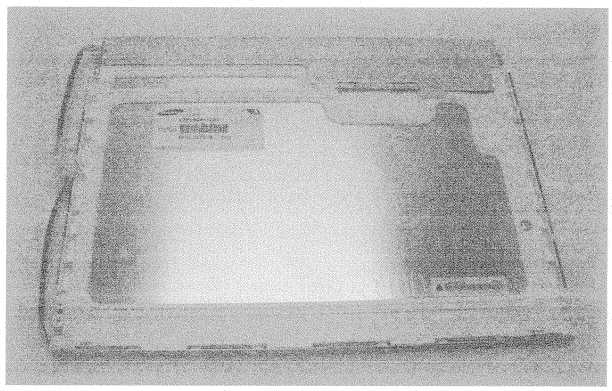



5. Lift up the boards and remove 8 screws from the panel shield.

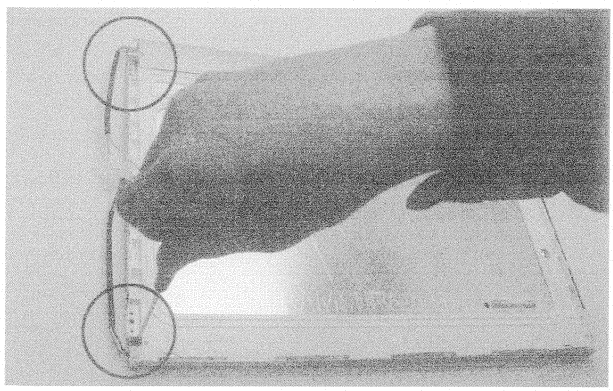


6. Lift up the panel shield and disconnect panel from the front.

## 3-2 Replacement Order of Lamp Assemblies

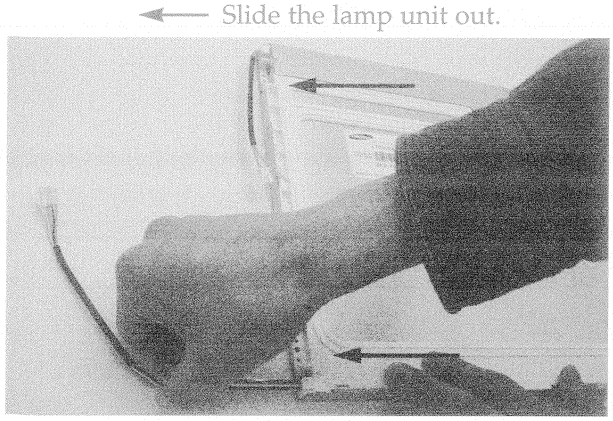


1. After confirm there is nothing on the desk, turn the LCD module over and put it on a flat desk set to the ground.



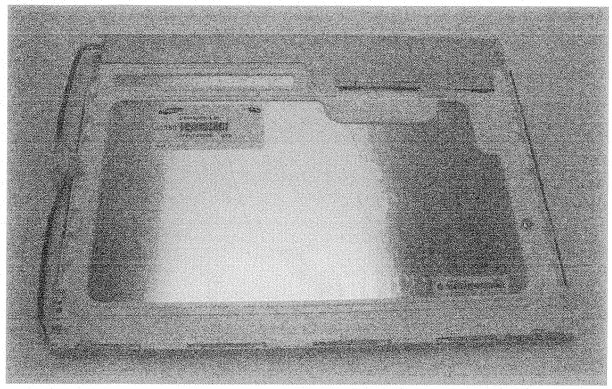
2. Remove 2 screws for the lamp unit.

← Slide the lamp unit out.



3. Slide the lamp unit out. Please take out the lamp unit from the LCD module.

← Slide the lamp unit out.



4. Please fix the new lamp units on the LCD module : opposite process 2 and 3.

## 3-3 Reassembly

Reassembly procedures are in the reverse order of disassembly procedures.

## Memo

# 4 Alignments and Adjustments

## 4-1 General Alignment Instuction

1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation.
   Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV.
   When inserting signal markers, do not allow the marker generator to distort test result.
5. Connect the TV only to an DC power source with voltage and frequency as specified on
   the backcover nameplate.
6. Do not attempt to connect or disconnect any wire while the TV is turned on.
   Make sure that the power cord is disconnected before replacing any parts.
7. To protect aganist shock hazard, use an isolation transform.

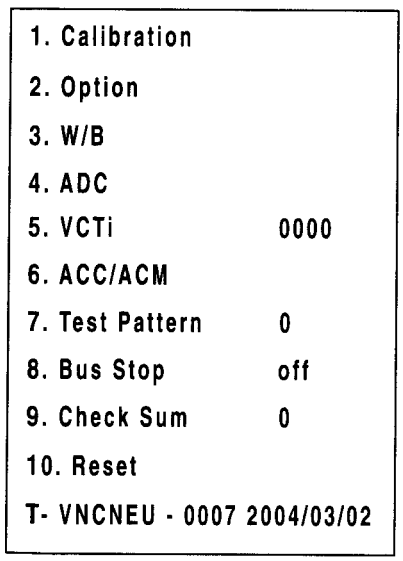
# 4-2 Factory Mode Adjustments

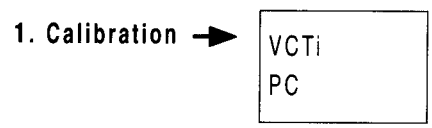
## 4-2-1 Entering Factory Mode

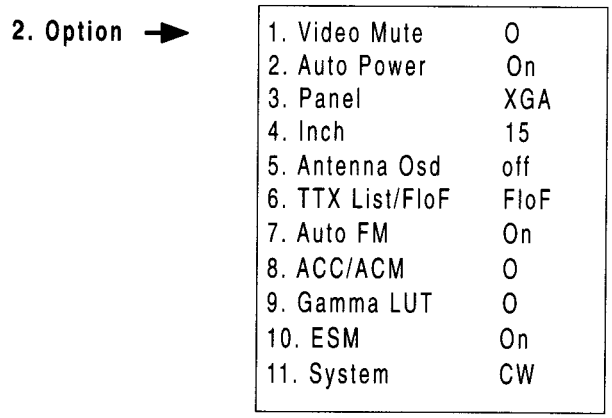
1. To enter "Service Mode" Press the remote -control keys in this sequence :
   - If you do not have Factory remote - control

   - If you have Factory remote - control

## 4-2-2 Factory Mode Tree



3. W/B(1) →

| | |
|---|---|
| R level | 128 |
| G level | 128 |
| B level | 128 |
| R gain | 127 |
| G gain | 127 |
| B gain | 127 |
| g Sub Color | 0 |
| g Sub Tint | 50 |
| Recall | |

3. W/B(2) →

| Adjustment item | | RF [Initial Data] | RF [Adjust Data] | Remark |
|---|---|---|---|---|
| Red level | ADJ[0~255] | 128 | 128 | Blue level 128 FIX |
| Green level | ADJ[0~255] | 128 | 128 | |
| Blue level | FIX [0~255] | 128 | 128 | |
| Red Gain | FIX [0~255] | 128 | 135 | Red Gain 135 FIX |
| Green Gain | ADJ[0~255] | 128 | 135 | |
| Blue Gain | ADJ[0~255] | 128 | 135 | |
| gSUB Color | FIX [0~255] | 0 | 0 | |
| gSUB Tint | FIX [0~255] | 50 | 50 | |
| Factory Recall | *A/S : Micom Initial Data Write | | | |

| Item | | Dynamic Cool1 | | | | Remark |
|---|---|---|---|---|---|---|
| MODE | | RF [ADJ] | COMPONENT 480i | COMPONENT 480P | PC | * W/B connot b adjusted in COMPONENT &PC<br>* Only x,y axes be adusted in High & Low Ligi |
| Signal Source | | External input ABL Pattern [MSPG925LTH] | External input ABL Pattern [MSPG925LTH] | External input ABL Pattern [MSPG925LTH] | External input ABL Pattern [MSPG925LTH] | |
| W/B Process Adjustment SPEC | High | x=270± 2,y=270± 2 | Cannot be adjustment | Cannot be adjustment | Cannot be adjustment | |
| | Low | x=270± 2,y=270± 2 | Cannot be adjustment | Cannot be adjustment | Cannot be adjustment | |
| W/B SPEC | High | x=270± 10,y=270± 10 ,Y=22.0↑ [FL] | x=270± 20,y=270± 20 | x=270± 20,y=275± 20 | x=250± 30,y=260± 30 | |
| | Low | x=270± 10,y=270± 10 ,Y=0.3 0.1 [FL] | x=260± 20,y=260± 20 | x=280± 20,y=290± 20 | x=250± 30,y=255± 30 | |

**4. ADC** →

| VCTi | | PC | |
|---|---|---|---|
| R offset | **53** | R offset | **66** |
| G offset | **43** | G offset | **63** |
| B offset | **47** | B offset | **51** |
| R gain 0 | **125** | R gain 0 | **54** |
| R gain 1 | **1** | R gain 1 | **1** |
| G gain 0 | **122** | G gain 0 | **62** |
| G gain 1 | **1** | G gain 1 | **1** |
| B gain 0 | **134** | B gain 0 | **66** |
| B gain 1 | **1** | B gain 1 | **1** |

**5. VCTi** →

| | | | |
|---|---|---|---|
| R Drive | 192 | RF AGC | 2 |
| G Drive | 192 | Vpeaking | 6 |
| B Drive | 192 | CTI Gain | 15 |
| Sub Contrast | 56 | CTI Coring | 5 |
| Sub Bright | 128 | LMIXOFS | 2 |
| Sub Sharp | 10 | PKCF | 3 |
| Sub Color | 0 | AGCADJ1 | 43 |
| Sub Tint | 50 | LTI Gain | 15 |
| Sub Coring | 20 | | |

**6. ACC/ ACM** →

| | | | |
|---|---|---|---|
| Y Max D | 7 | Up Stant | 40 |
| Y Scl Thr | 64 | Low Sn Thr | 60 |
| Y Scl A | 5 | Up Sn Thr | 0 |
| Y Scl B | 0 | Y Min | 10 |
| A Ctrl | 0 | Y Max | 255 |
| A Snslp | 8 | Ym Div Slp | 128 |
| T Dixel | 12 | Fr Age | 1 |
| Lower End | 80 | Fr App | 0 |
| Mid Start | 30 | Esm Ctrl | 127 |
| Mid End | 100 | | |

## 7. Test Pattern ( Test Pattern of VCTi)

1) VCTi
2) Toshiba
3) Gray Bar
4) Gray
5) Green
6) Color Bar
7) Cross

## 8. Bus Stop

- Bus stop is used data communication.

## 9. Chcek Sum

- Display the current check sum size of the MICOM.

## 10. Reset

- Initializes the data in the MICOM.

## 11. T-VNCNEU-0007 2004/03/02

- Display the MICOM program version.

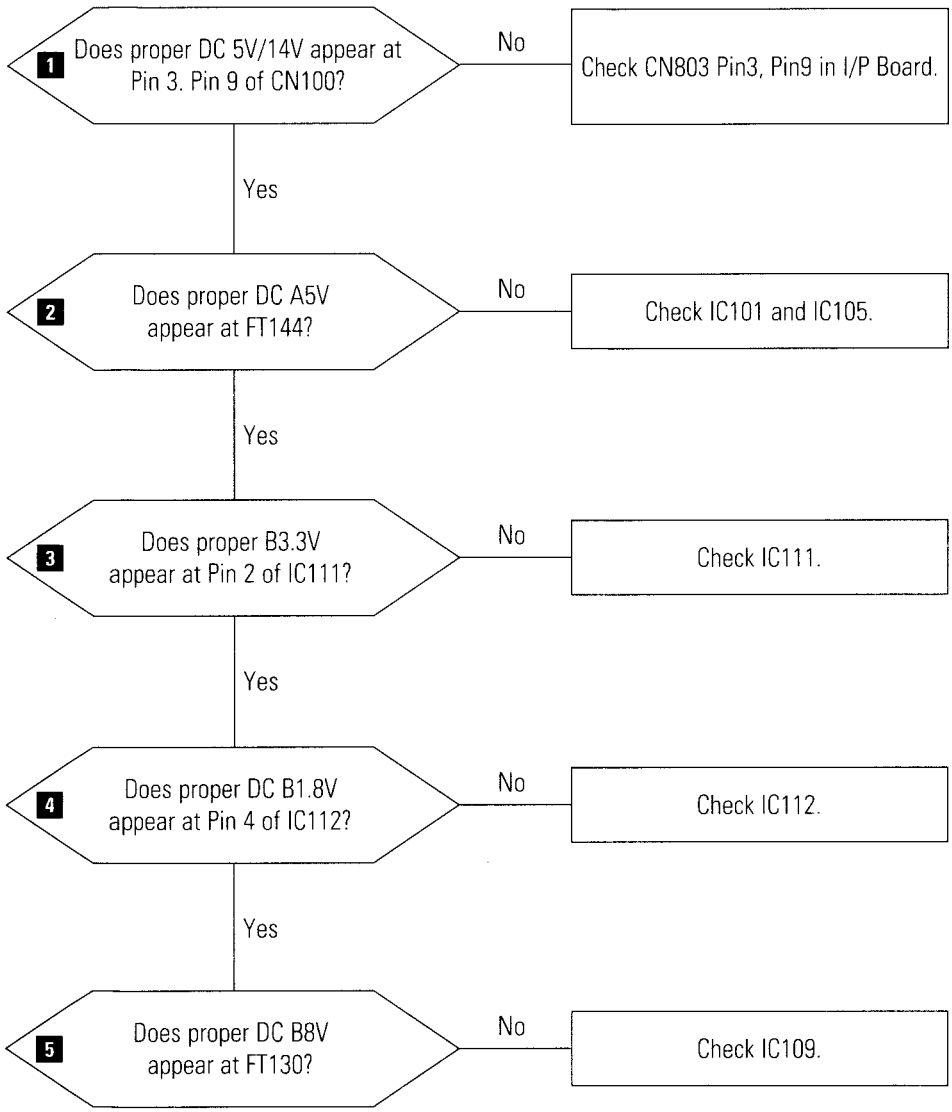
## 4-2-3 White Balance

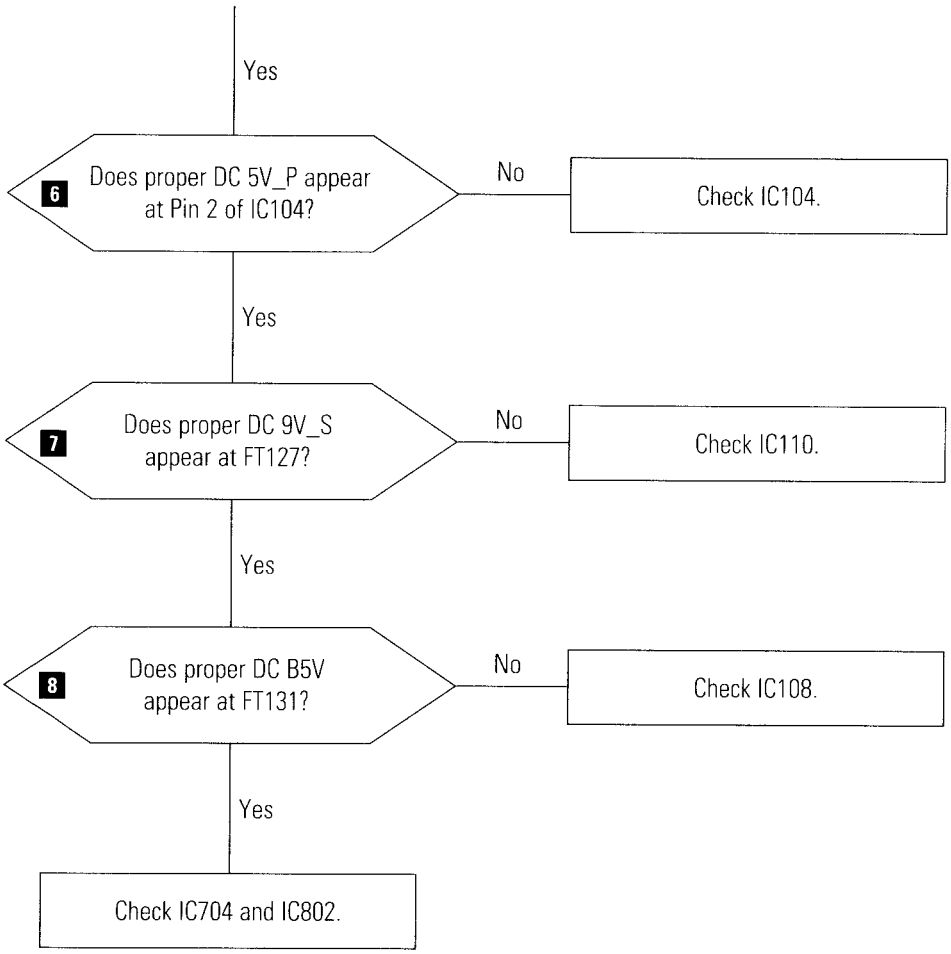
| High | Low |
|---|---|
| 285, 295 | 285, 295 |
| x, y | x, y |

# Memo

# 5 Troubleshooting

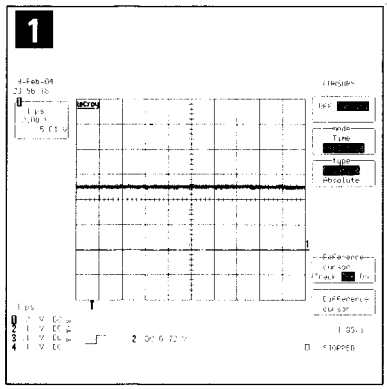
## 5-1 No Power



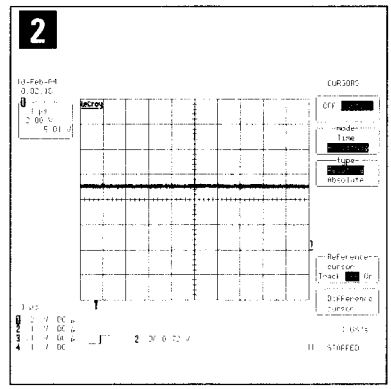

Yes
6
Does proper DC 5V_P appear at Pin 2 of IC104?
No
Check IC104.
Yes
7
Does proper DC 9V_S appear at FT127?
No
Check IC110.
Yes
8
Does proper DC B5V appear at FT131?
No
Check IC108.
Yes
Check IC704 and IC802.

## WAVEFORMS

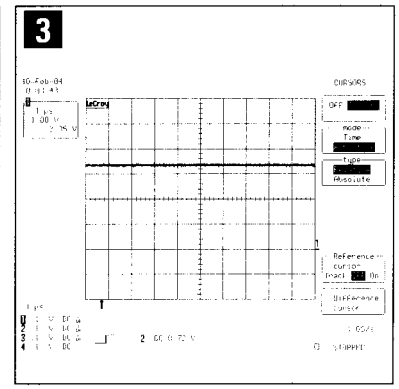
**1**



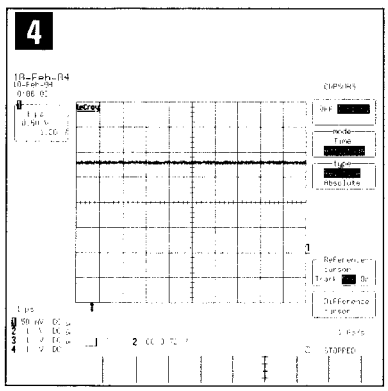
**2**



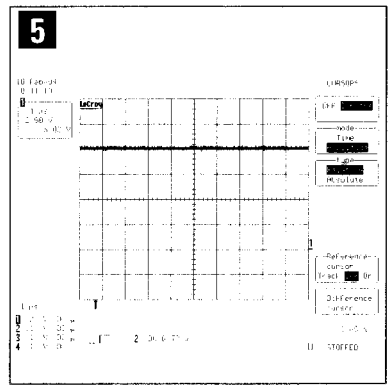
**3**



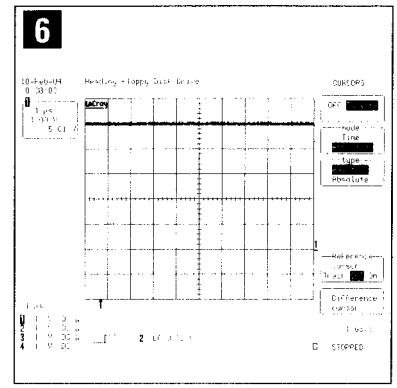
**4**



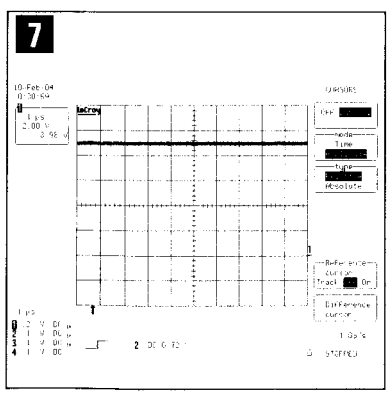
**5**



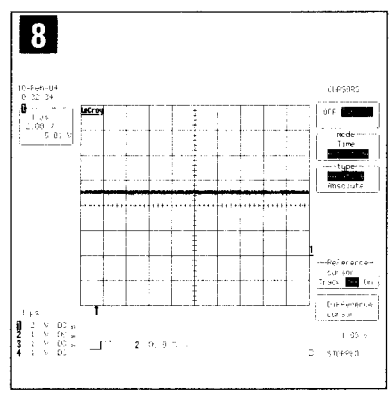
**6**



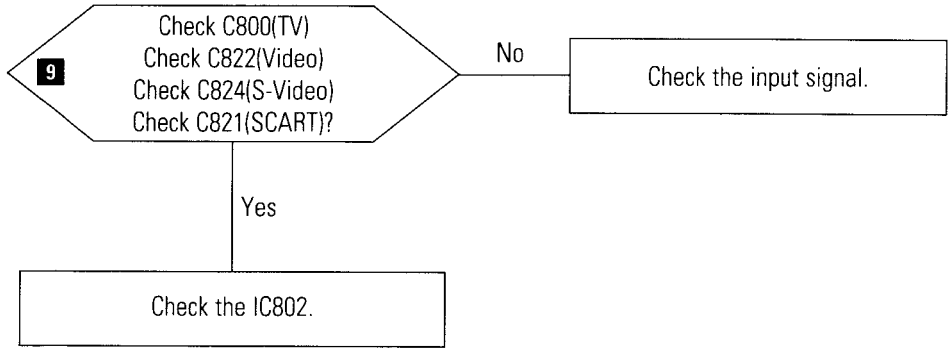
**7**



**8**

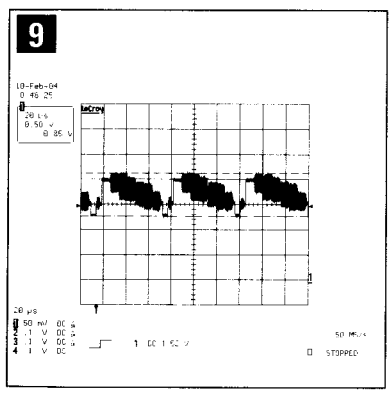


## 5-2 No Picture (TV, Video, S-Video, DVD)

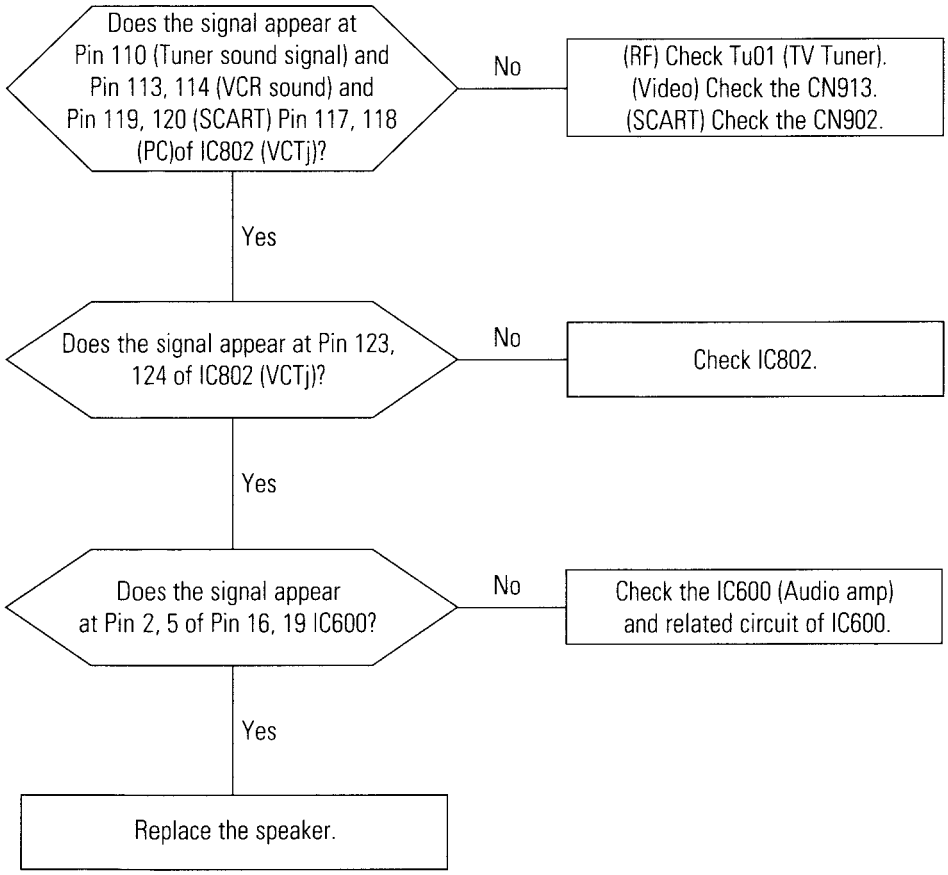



**WAVEFORMS**

9



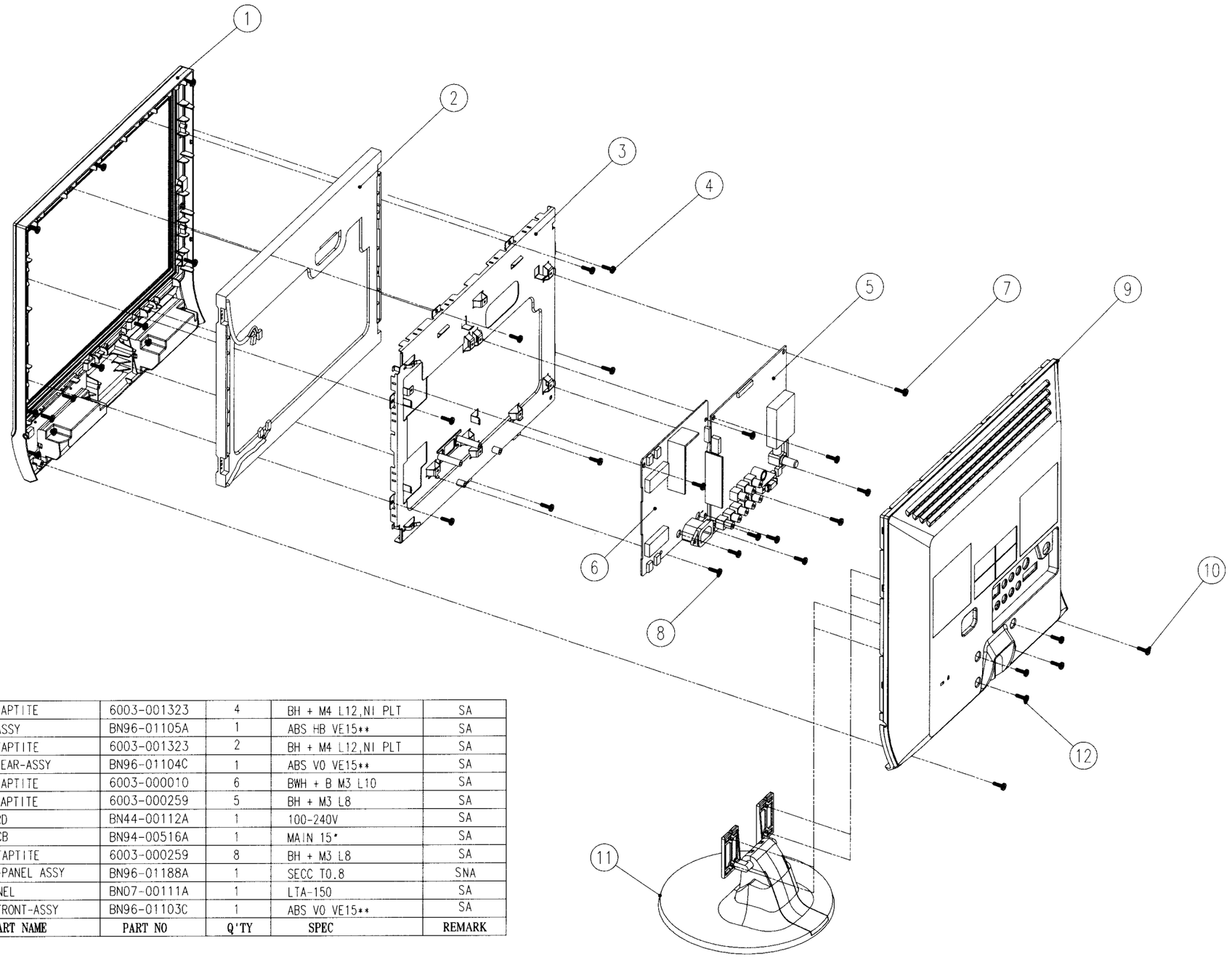
## 5-3 No Sound


Does the signal appear at Pin 110 (Tuner sound signal) and Pin 113, 114 (VCR sound) and Pin 119, 120 (SCART) Pin 117, 118 (PC)of IC802 (VCTj)?
No
(RF) Check Tu01 (TV Tuner).
(Video) Check the CN913.
(SCART) Check the CN902.
Yes
Does the signal appear at Pin 123, 124 of IC802 (VCTj)?
No
Check IC802.
Yes
Does the signal appear at Pin 2, 5 of Pin 16, 19 IC600?
No
Check the IC600 (Audio amp) and related circuit of IC600.
Yes
Replace the speaker.

# Memo

# 6 Exploded View and Parts List

❉ You can search for updated part codes through ITSELF web site.
URL : http://itself. sec. samsung.co.kr




| NO | PART NAME | PART NO | Q'TY | SPEC | REMARK |
|---|---|---|---|---|---|
| 12 | SCREW TAPTITE | 6003-001323 | 4 | BH + M4 L12,NI PLT | SA |
| 11 | STAND-ASSY | BN96-01105A | 1 | ABS HB VE15** | SA |
| 10 | SCREW TAPTITE | 6003-001323 | 2 | BH + M4 L12,NI PLT | SA |
| 9 | COVER-REAR-ASSY | BN96-01104C | 1 | ABS V0 VE15** | SA |
| 8 | SCREW TAPTITE | 6003-000010 | 6 | BWH + B M3 L10 | SA |
| 7 | SCREW TAPTITE | 6003-000259 | 5 | BH + M3 L8 | SA |
| 6 | IP-BOARD | BN44-00112A | 1 | 100-240V | SA |
| 5 | MAIN PCB | BN94-00516A | 1 | MAIN 15* | SA |
| 4 | SCREW TAPTITE | 6003-000259 | 8 | BH + M3 L8 | SA |
| 3 | SHIELD-PANEL ASSY | BN96-01188A | 1 | SECC T0.8 | SNA |
| 2 | LCD-PANEL | BN07-00111A | 1 | LTA-150 | SA |
| 1 | COVER-FRONT-ASSY | BN96-01103C | 1 | ABS V0 VE15** | SA |

## Memo

# 7 Electrical Parts List

* You can search for updated part codes through ITSELF web site.
URL : http://itself.sec.samsung.co.kr/

## 7-1 Main PCB Parts

| Level | Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 0 | VE15EO | | | | |
| 1 | S3-VE15EO | - | 1 | SEC,XH-L06 | - |
| 3 | BN94-00527X | - | ASSY PCB MAIN-S3 | VE15EO | SA |
| 4 | 0204-002420 | CIS3 | SOLVENT | 1M-1000,C3H70H,96,-,- | SNA |
| 4 | 0204-002426 | CIS4 | FLUX | DF-201TVS,MIX,0.820,FLUX13%,14KG,- | SNA |
| 4 | 3705-001331 | CIS6 | CONNECTOR-COAXIAL | PAL,ADAPTOR(J/J),-,75ohm,- | SA |
| 4 | 3711-004712 | CN100 | CONNECTOR-HEADER | BOX,9P,1R,2mm,STRAIGHT,SN | SA |
| 4 | 3722-000158 | CN900 | JACK-PIN | 1P,3.4mm,SN,YEL,- | SA |
| 4 | 3722-000498 | CN902 | JACK-SCART | 21P,-,SN,BLK,NO | SA |
| 4 | 3722-001734 | CN903 | JACK-VHS | 4P,-,SN,BLK,- | SA |
| 4 | 3701-001294 | CN908 | CONNECTOR-DSUB | 15P,3R,FEMALE,STRAIGHT,AUF | SA |
| 4 | 3722-001061 | CN909 | JACK-PHONE | 1P,3.6PI,AG,BLK,N | SA |
| 4 | 3722-001846 | CN913 | JACK-PIN | 2P,8.3MM,AU,WHT/RED,- | SA |
| 4 | 2904-001179 | FT800 | FILTER-SAW | 36.125MHz,-,32.65-39.6MHz/0.5dB,SIP5K,+-0MHz/21.8dB,31.25MHz/37dB | SA |
| 4 | BN39-00519A | HARNESS | LEAD CONNECTOR | MONTE,UL1061#28,UL/CSA,20P,100MM,#26,12507HS-20,12507HS-20L,BK,1061#28,SJ03-01-6 | SNA |
| 4 | BN40-00049A | TU01 | TUNER | TMQZ6-416A,VE15,PAL BG,PAL HYPER,38.9MHz,75 ohm,75 ohm,PHONE-JACK,ASYMM,5V,TR | SNA |
| 4 | 2801-003959 | X702 | CRYSTAL-UNIT | 0.032768MHz,20ppm,28-AAY,12.5pF,35kohm,BK | SA |
| 4 | BN97-00359H | - | ASSY SMD | VE15EO | SNA |
| 5 | 3301-001145 | 15INCH | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | 2402-001086 | C100 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | SA |
| 5 | 2402-000170 | C101 | C-AL,SMD | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, | SA |
| 5 | 2402-000170 | C102 | C-AL,SMD | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, | SA |
| 5 | 2203-000189 | C107 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2402-001042 | C109 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2402-001081 | C110 | C-AL,SMD | 100uF,20%,25V,WT,TP,8.3x8.3x10 | SA |
| 5 | 2402-001042 | C111 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2402-001042 | C112 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2402-001042 | C113 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2402-001086 | C114 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | SA |
| 5 | 2402-000170 | C115 | C-AL,SMD | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, | SA |
| 5 | 2402-000176 | C116 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | SA |
| 5 | 2203-000189 | C117 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C118 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000140 | C119 | C-CER,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-000140 | C120 | C-CER,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-001656 | C121 | C-CER,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | SA |
| 5 | 2402-000176 | C122 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | SA |
| 5 | 2402-000176 | C123 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | SA |
| 5 | 2402-000176 | C124 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | SA |
| 5 | 2402-000176 | C125 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | SA |
| 5 | 2402-000176 | C126 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | SA |
| 5 | 2402-000176 | C127 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | SA |
| 5 | 2402-000176 | C128 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | SA |
| 5 | 2402-000176 | C129 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | SA |
| 5 | 2402-000176 | C130 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | SA |
| 5 | 2203-001656 | C131 | C-CER,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | SA |
| 5 | 2203-000140 | C132 | C-CER,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-000189 | C143 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C163 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C175 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C176 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2402-001042 | C178 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2203-000189 | C179 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000257 | C180 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000257 | C181 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000236 | C182 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000189 | C183 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2402-001044 | C184 | C-AL,SMD | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM | SA |
| 5 | 2409-001065 | C185 | C-ORGANIC | 82UF,20%,16V,WT,TP,8X6.9MM,- | SA |
| 5 | 2203-000257 | C187 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000257 | C188 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000236 | C189 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000189 | C190 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2402-001044 | C191 | C-AL,SMD | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM | SA |
| 5 | 2409-001065 | C192 | C-ORGANIC | 82UF,20%,16V,WT,TP,8X6.9MM,- | SA |
| 5 | 2402-001070 | C193 | C-AL,SMD | 470uF,20%,16V,GP,TP,10x10.2,- | SA |

| Level | Loc. No. | CodeNo. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 5 | 2409-001051 | C194 | C-ORGANIC | 82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1 | SA |
| 5 | 2203-000257 | C200 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2402-001042 | C201 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2203-000491 | C202 | C-CER,CHIP | 2.2nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-000189 | C203 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000888 | C204 | C-CER,CHIP | 4.7nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000257 | C205 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-001607 | C206 | C-CER,CHIP | 0.22nF,5%,50V,NP0,-,1608 | SA |
| 5 | 2203-000972 | C207 | C-CER,CHIP | 47nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-000236 | C208 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000236 | C209 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2402-001042 | C210 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2203-000257 | C212 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2402-000170 | C213 | C-AL,SMD | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, | SA |
| 5 | 2203-000189 | C217 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-005005 | C228 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C235 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-000783 | C236 | C-CER,CHIP | 0.33NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000783 | C237 | C-CER,CHIP | 0.33NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000140 | C286 | C-CER,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-001656 | C287 | C-CER,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | SA |
| 5 | 2402-000170 | C305 | C-AL,SMD | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, | SA |
| 5 | 2402-000108 | C306 | C-AL,SMD | 10uF,20%,16V,WT,TP,4.3x4.3x5.4 | SA |
| 5 | 2203-000140 | C314 | C-CER,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-001656 | C315 | C-CER,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | SA |
| 5 | 2203-000140 | C316 | C-CER,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-001656 | C317 | C-CER,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | SA |
| 5 | 2203-000140 | C318 | C-CER,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-001656 | C319 | C-CER,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | SA |
| 5 | 2203-000140 | C334 | C-CER,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-001656 | C335 | C-CER,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | SA |
| 5 | 2203-001656 | C337 | C-CER,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | SA |
| 5 | 2203-000257 | C502 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2402-001049 | C508 | C-AL,CHIP | 10uF,20%,16V,GP,TP,3.3x3.3x5.4 | SA |
| 5 | 2402-001049 | C509 | C-AL,CHIP | 10uF,20%,16V,GP,TP,3.3x3.3x5.4 | SA |
| 5 | 2402-001049 | C510 | C-AL,CHIP | 10uF,20%,16V,GP,TP,3.3x3.3x5.4 | SA |
| 5 | 2402-001049 | C512 | C-AL,CHIP | 10uF,20%,16V,GP,TP,3.3x3.3x5.4 | SA |
| 5 | 2402-001049 | C514 | C-AL,CHIP | 10uF,20%,16V,GP,TP,3.3x3.3x5.4 | SA |
| 5 | 2402-001049 | C516 | C-AL,CHIP | 10uF,20%,16V,GP,TP,3.3x3.3x5.4 | SA |
| 5 | 2402-001049 | C517 | C-AL,CHIP | 10uF,20%,16V,GP,TP,3.3x3.3x5.4 | SA |
| 5 | 2402-001049 | C518 | C-AL,CHIP | 10uF,20%,16V,GP,TP,3.3x3.3x5.4 | SA |
| 5 | 2402-001049 | C519 | C-AL,CHIP | 10uF,20%,16V,GP,TP,3.3x3.3x5.4 | SA |
| 5 | 2203-001656 | C520 | C-CER,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | SA |
| 5 | 2203-001656 | C521 | C-CER,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | SA |
| 5 | 2409-001049 | C523 | C-ORGANIC | 47UF,20%,6.3V,FX,TP,5X5.9MM,- | SA |
| 5 | 2203-005005 | C524 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C525 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C526 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C527 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C529 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C530 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C532 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C533 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C535 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005065 | C600 | C-CER,CHIP | 1000nF,+80-20%,10V,Y5V,-,1608 | SA |
| 5 | 2203-006036 | C601 | C-CER,CHIP | 680NF,+80-20%,16V,Y5V,TP,1608 | SA |
| 5 | 2203-006036 | C602 | C-CER,CHIP | 680NF,+80-20%,16V,Y5V,TP,1608 | SA |
| 5 | 2203-005065 | C603 | C-CER,CHIP | 1000nF,+80-20%,10V,Y5V,-,1608 | SA |
| 5 | 2402-001086 | C604 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | SA |
| 5 | 2402-000135 | C605 | C-AL,SMD | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 | SA |
| 5 | 2402-001042 | C606 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2203-000189 | C607 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2402-001042 | C608 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2203-000189 | C609 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2402-000135 | C610 | C-AL,SMD | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 | SA |
| 5 | 2203-000491 | C611 | C-CER,CHIP | 2.2nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-000491 | C612 | C-CER,CHIP | 2.2nF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2402-001042 | C613 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2203-001402 | C614 | C-CER,CHIP | 220nF,+80-20%,16V,Y5V,TP,1608 | SA |
| 5 | 2203-000189 | C615 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-001652 | C616 | C-CER,CHIP | 470nF,+80-20%,16V,Y5V,TP,1608 | SA |
| 5 | 2203-001402 | C617 | C-CER,CHIP | 220nF,+80-20%,16V,Y5V,TP,1608 | SA |
| 5 | 2203-001402 | C618 | C-CER,CHIP | 220nF,+80-20%,16V,Y5V,TP,1608 | SA |
| 5 | 2203-001652 | C619 | C-CER,CHIP | 470nF,+80-20%,16V,Y5V,TP,1608 | SA |
| 5 | 2203-000189 | C620 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-001402 | C621 | C-CER,CHIP | 220nF,+80-20%,16V,Y5V,TP,1608 | SA |

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|---|---|---|---|---|---|
| 5 | 2402-001042 | C622 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2402-001155 | C623 | C-AL,SMD | 47UF,20%,16V,WT,TP,6.3X5.2MM | SA |
| 5 | 2203-005005 | C704 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C705 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C706 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C707 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2409-001051 | C708 | C-ORGANIC | 82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1 | SA |
| 5 | 2203-005005 | C709 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C710 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C711 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2402-001042 | C712 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2203-005005 | C713 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005194 | C714 | C-CER,CHIP | 220pF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-005194 | C715 | C-CER,CHIP | 220pF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-005005 | C716 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2409-001049 | C717 | C-ORGANIC | 47UF,20%,6.3V,FX,TP,5X5.9MM,- | SA |
| 5 | 2203-005005 | C718 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C719 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C720 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C721 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C722 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2409-001049 | C723 | C-ORGANIC | 47UF,20%,6.3V,FX,TP,5X5.9MM,- | SA |
| 5 | 2203-005005 | C724 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C725 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C726 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-001086 | C727 | C-CER,CHIP | 0.005nF,0.25pF,50V,NP0,TP,1608 | SA |
| 5 | 2203-001086 | C728 | C-CER,CHIP | 0.005nF,0.25pF,50V,NP0,TP,1608 | SA |
| 5 | 2203-005005 | C729 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C730 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C731 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C732 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C733 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C734 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C735 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C736 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C737 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C738 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C739 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C740 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C741 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C742 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-000257 | C743 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000257 | C744 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000189 | C745 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-005005 | C747 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005194 | C748 | C-CER,CHIP | 220pF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-005005 | C749 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-000257 | C750 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-005194 | C751 | C-CER,CHIP | 220pF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-005194 | C752 | C-CER,CHIP | 220pF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-005194 | C753 | C-CER,CHIP | 220pF,10%,50V,X7R,TP,1608,- | SA |
| 5 | 2203-000189 | C754 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000257 | C755 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000257 | C756 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000257 | C757 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000257 | C758 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C759 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C760 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-005005 | C764 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2402-001086 | C765 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | SA |
| 5 | 2203-000189 | C766 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-005005 | C768 | C-CER,CHIP | 100nF,10%,16V,X7R,TP,1608 | SA |
| 5 | 2203-000189 | C769 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2402-001042 | C800 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | SA |
| 5 | 2203-000189 | C801 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C802 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000626 | C804 | C-CER,CHIP | 0.022nF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000626 | C805 | C-CER,CHIP | 0.022nF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000189 | C808 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000257 | C809 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000189 | C810 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000257 | C811 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000257 | C812 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-001052 | C813 | C-CER,CHIP | 0.56nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-001052 | C814 | C-CER,CHIP | 0.56nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-001052 | C816 | C-CER,CHIP | 0.56nF,10%,50V,X7R,TP,1608 | SA |

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|---|---|---|---|---|---|
| 5 | 2203-000189 | C817 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C818 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C819 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C820 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C821 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C822 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C823 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C824 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C825 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C827 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C828 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C829 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C831 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2402-001006 | C833 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | SA |
| 5 | 2402-000144 | C834 | C-AL,SMD | 3.3UF,20%,50V,GP,TP,4.3X4.3X5.4 | SA |
| 5 | 2402-000135 | C835 | C-AL,SMD | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 | SA |
| 5 | 2402-000135 | C836 | C-AL,SMD | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 | SA |
| 5 | 2402-000108 | C837 | C-AL,SMD | 10uF,20%,16V,WT,TP,4.3x4.3x5.4 | SA |
| 5 | 2402-001049 | C838 | C-AL,CHIP | 10uF,20%,16V,GP,TP,3.3x3.3x5.4 | SA |
| 5 | 2203-000189 | C839 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2402-001006 | C840 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | SA |
| 5 | 2402-001006 | C841 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | SA |
| 5 | 2402-001006 | C842 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | SA |
| 5 | 2402-001006 | C843 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | SA |
| 5 | 2402-001006 | C844 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | SA |
| 5 | 2402-001006 | C845 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | SA |
| 5 | 2203-000257 | C846 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2402-000170 | C847 | C-AL,SMD | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, | SA |
| 5 | 2203-000236 | C900 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000236 | C901 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000815 | C902 | C-CER,CHIP | 0.033NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000815 | C903 | C-CER,CHIP | 0.033NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000815 | C904 | C-CER,CHIP | 0.033NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000815 | C905 | C-CER,CHIP | 0.033NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000815 | C906 | C-CER,CHIP | 0.033NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000236 | C907 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000236 | C908 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000697 | C909 | C-CER,CHIP | 0.002NF,0.25PF,50V,C0G,TP,1608 | SA |
| 5 | 2203-000189 | C910 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000783 | C911 | C-CER,CHIP | 0.33NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000783 | C913 | C-CER,CHIP | 0.33NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000697 | C915 | C-CER,CHIP | 0.002NF,0.25PF,50V,C0G,TP,1608 | SA |
| 5 | 2203-000697 | C916 | C-CER,CHIP | 0.002NF,0.25PF,50V,C0G,TP,1608 | SA |
| 5 | 2203-000697 | C917 | C-CER,CHIP | 0.002NF,0.25PF,50V,C0G,TP,1608 | SA |
| 5 | 2203-000189 | C918 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C919 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2203-000189 | C920 | C-CER,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | SA |
| 5 | 2402-000170 | C921 | C-AL,SMD | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, | SA |
| 5 | 2203-000236 | C922 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000236 | C931 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000236 | C932 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000236 | C933 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000815 | C934 | C-CER,CHIP | 0.033NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2402-000135 | C935 | C-AL,SMD | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 | SA |
| 5 | 2203-000257 | C936 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2402-000135 | C937 | C-AL,SMD | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 | SA |
| 5 | 2203-000257 | C938 | C-CER,CHIP | 10nF,10%,50V,X7R,TP,1608 | SA |
| 5 | 2203-000236 | C939 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 2203-000236 | C940 | C-CER,CHIP | 0.1NF,5%,50V,C0G,TP,1608 | SA |
| 5 | 3711-005292 | CN600 | CONNECTOR-HEADER | BOX,3P,1R,2MM,SMD-A,SN,WHT | SA |
| 5 | 3711-005291 | CN601 | CONNECTOR-HEADER | BOX,2P,1R,2MM,SMD-A,SN,WHT | SA |
| 5 | 3711-005472 | CN703 | CONNECTOR-HEADER | BOX,20P,1R,1.25mm,SMD-A,Sn+Pb,IVR | SA |
| 5 | 3711-002046 | CN905 | CONNECTOR-HEADER | BOX,12P,1R,1.25MM,SMD-S,SN,WHT | SA |
| 5 | 3711-005471 | CN907 | CONNECTOR-HEADER | BOX,12P,1R,1.25mm,SMD-A,Sn+Pb,IVR | SA |
| 5 | 0402-000553 | D101 | DIODE-RECTIFIER | SS24,40V,2.0A,DO-214AA | SA |
| 5 | 0402-000553 | D102 | DIODE-RECTIFIER | SS24,40V,2.0A,DO-214AA | SA |
| 5 | 0401-001056 | D200 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0403-001425 | D201 | DIODE-ZENER | BZX84C33,31-35V,350MW,SOT-23,TP | SA |
| 5 | 0401-001056 | D600 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0407-000123 | D601 | DIODE-ARRAY | DAN202K,80V,100MA,CA2-3,SOT-23,TP | SA |
| 5 | 0403-001435 | D602 | DIODE-ZENER | QZX363C5V6,5.32-5.88V,200MW,SOT-363,TP | SA |
| 5 | 0403-001052 | D603 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D604 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0401-001056 | D701 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D702 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D800 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |

| Level | Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 5 | 0403-001052 | D900 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D901 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D902 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D903 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-000579 | D904 | DIODE-ZENER | BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D905 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D906 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0407-000123 | D907 | DIODE-ARRAY | DAN202K,80V,100MA,CA2-3,SOT-23,TP | SA |
| 5 | 0401-001056 | D908 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D909 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D910 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0403-001052 | D911 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0401-001056 | D912 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D913 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0403-001052 | D914 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0401-001056 | D915 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0403-000579 | D916 | DIODE-ZENER | BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP | SA |
| 5 | 0403-000579 | D917 | DIODE-ZENER | BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP | SA |
| 5 | 0403-000579 | D918 | DIODE-ZENER | BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP | SA |
| 5 | 0403-000579 | D919 | DIODE-ZENER | BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP | SA |
| 5 | 0403-000579 | D920 | DIODE-ZENER | BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D921 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D922 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D923 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D924 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D925 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D926 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D927 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-000579 | D928 | DIODE-ZENER | BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D930 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D932 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D934 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D936 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D940 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D941 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D942 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001048 | D944 | DIODE-ZENER | BZX84C16,15.3-17.1V,225MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D945 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D946 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0403-001052 | D947 | DIODE-ZENER | RD8.2MB,7.7-8.7V,200MW,SOT-23,TP | SA |
| 5 | 0401-001056 | D948 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D949 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0403-000579 | D950 | DIODE-ZENER | BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP | SA |
| 5 | 0401-001056 | D951 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D952 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D953 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D954 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D955 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D956 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 0401-001056 | D957 | DIODE-SWITCHING | MMBD4148SE,100V,200MA,SOT-23,TP | SA |
| 5 | 3301-001145 | FT100 | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | 3301-001145 | FT101 | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | 2901-001114 | FT104 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT105 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT106 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT107 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT108 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT109 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 3301-001145 | FT11 | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | 2901-001114 | FT110 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT111 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT112 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT113 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 3301-001145 | FT118 | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | 3301-001145 | FT125 | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | 3301-001145 | FT126 | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | 3301-001145 | FT127 | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | BN27-00009A | FT128 | COIL CHOKE | SMD12X12X6,EOS,33UH,15%,-,0.128Y MAX,2A,DR10X5.0MM,18.5TS,12X12X6,1.8MM,1UEW 0. | SA |
| 5 | 3301-001145 | FT130 | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | 2703-001778 | FT131 | INDUCTOR-SMD | 3.3uH,20%,3225 | SA |
| 5 | 3301-001145 | FT144 | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | BN27-00009A | FT145 | COIL CHOKE | SMD12X12X6,EOS,33UH,15%,-,0.128Y MAX,2A,DR10X5.0MM,18.5TS,12X12X6,1.8MM,1UEW 0. | SA |
| 5 | 3301-001145 | FT200 | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | 2901-001114 | FT500 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT701 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT702 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |

| Level | Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 5 | 2901-001114 | FT703 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT704 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT705 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT706 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT708 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT710 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT801 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 2901-001114 | FT802 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | SA |
| 5 | 1203-002842 | IC101 | IC-POSI.FIXED REG. | AP1117D-33A,TO-252,3P,6.7X5.6MM,PLASTIC,3.235/3.365V,-,0TO+150C,1A,-,TP | SA |
| 5 | 1203-002708 | IC104 | IC-POSI.FIXED REG. | 1085,TO-263,3P,340MIL,PLASTIC,3.27/3.33V,-,-40TO+125C,3A,-,TP | SA |
| 5 | 1203-002844 | IC105 | IC-POSI.FIXED REG. | AP1117D-18A,TO-252-3L,3P,6.7X5.6MM,PLASTIC,1.764/1.836V,-,0TO+150C,1A,-,TP | SA |
| 5 | 1203-003015 | IC108 | IC-DC/DC CONVERTER | MP1410ES,SOIC,8P,4.9x3.9mm,PLASTIC,2.5/5V,-,-20to+85C,2A,-,TP | SA |
| 5 | 1203-001816 | IC109 | IC-POSI.FIXED REG. | 78M08,TO-252,3P,-,PLASTIC,7.7/8.3V,1.0W,-40TO+85C,0.5A,-,TP | SA |
| 5 | 1203-003015 | IC110 | IC-DC/DC CONVERTER | MP1410ES,SOIC,8P,4.9x3.9mm,PLASTIC,2.5/5V,-,-20to+85C,2A,-,TP | SA |
| 5 | 1203-002842 | IC111 | IC-POSI.FIXED REG. | AP1117D-33A,TO-252,3P,6.7X5.6MM,PLASTIC,3.235/3.365V,-,0TO+150C,1A,-,TP | SA |
| 5 | 1203-002844 | IC112 | IC-POSI.FIXED REG. | AP1117D-18A,TO-252-3L,3P,6.7X5.6MM,PLASTIC,1.764/1.836V,-,0TO+150C,1A,-,TP | SA |
| 5 | 1203-001824 | IC300 | IC-VOL. DETECTOR | 7042,SOT-89,3P,-,PLASTIC,4.05V/4.35V,500MW,-30TO+75C,20MA,-,TP | SA |
| 5 | 1001-001082 | IC501 | IC-VIDEO SWITCH | BA7657F,-,SOP,24P,300MIL,SINGL | SA |
| 5 | 1201-001980 | IC600 | IC-AUDIO AMP | TDA7266D,SO,20P,16X11.1MM,-,26DB,PLASTIC,12V,25W,0TO+70C,-,-,-,-,TP | SA |
| 5 | 1201-001495 | IC601 | IC-AUDIO AMP | 7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,-,20NA,- | SA |
| 5 | 3704-000249 | IC702 | SOCKET-IC | 32P,PLCC,SN,1.27mm | SA |
| 5 | 1003-001713 | IC704 | IC-LCD CONTROLLER | GM2221,PQFP,208P,-,-,-,TR,PLASTIC,3.3V,0to+70C,-,-,- | SNA |
| 5 | 1103-001314 | IC705 | IC-EEPROM | 24C16,2Kx8,SOP,8P,5x4mm,2.7/5.5V,-40to+85C | SA |
| 5 | 0909-001036 | IC706 | IC-REAL TIME CLOCK | DS1337S,-,SO,8P,150MIL,400KHZ,TP,CMOS,PLASTIC,3.3V,-,40TO+85C,-,-,-,- | SA |
| 5 | 1103-001314 | IC805 | IC-EEPROM | 24C16,2Kx8,SOP,8P,5x4mm,2.7/5.5V,-40to+85C | SA |
| 5 | 1103-000129 | IC900 | IC-EEPROM | 24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C | SA |
| 5 | 0801-002716 | IC902 | IC-CMOS LOGIC | 74LCX157,MULTIPLEXER,SOIC,16P,150MIL,QUAD,TP,PLASTIC,-,-,0V,-40TO+85C,-,0V,10UA, | SA |
| 5 | 0801-002267 | IC903 | IC-CMOS LOGIC | 74LCX14,-,SOIC,14P,150MIL,-,TP,-,-,-,3.6V,-40TO+85C,-,5.5V,-,-,24MA | SA |
| 5 | 2703-002327 | L200 | INDUCTOR-SMD | 3.9uH,5%,3225 | SA |
| 5 | 2703-000417 | L201 | INDUCTOR-SMD | 220uH,5%,3225 | SA |
| 5 | 2703-001426 | L202 | INDUCTOR-SMD | 680uH,20%,7070 | SA |
| 5 | 2703-000392 | L801 | INDUCTOR-SMD | 10uH,5%,4532 | SA |
| 5 | 2703-000222 | L802 | INDUCTOR-SMD | 560nH,10%,2012 | SA |
| 5 | 2703-000185 | L803 | INDUCTOR-SMD | 3.3uH,10%,2012 | SA |
| 5 | 2703-000185 | L804 | INDUCTOR-SMD | 3.3uH,10%,2012 | SA |
| 5 | 2703-000398 | L900 | INDUCTOR-SMD | 10uH,10%,3225 | SA |
| 5 | 2703-000398 | L901 | INDUCTOR-SMD | 10uH,10%,3225 | SA |
| 5 | 2703-000185 | L902 | INDUCTOR-SMD | 3.3uH,10%,2012 | SA |
| 5 | 2703-000185 | L903 | INDUCTOR-SMD | 3.3uH,10%,2012 | SA |
| 5 | 2703-000185 | L904 | INDUCTOR-SMD | 3.3uH,10%,2012 | SA |
| 5 | 2703-000185 | L905 | INDUCTOR-SMD | 3.3uH,10%,2012 | SA |
| 5 | 2703-000185 | L906 | INDUCTOR-SMD | 3.3uH,10%,2012 | SA |
| 5 | 2703-000185 | L907 | INDUCTOR-SMD | 3.3uH,10%,2012 | SA |
| 5 | 2703-000185 | L908 | INDUCTOR-SMD | 3.3uH,10%,2012 | SA |
| 5 | 2703-000185 | L909 | INDUCTOR-SMD | 3.3uH,10%,2012 | SA |
| 5 | BN41-00449A | MP1.0 | PCB MAIN | VE15UO,FR4,4,1.6,VE15 | SNA |
| 5 | BN41-00449B | MP1.1 | PCB MAIN | VE15UO/EO/KO,FR4,4,1.6,VE15 | SNA |
| 5 | 3301-001145 | PAL | BEAD-SMD | 60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm | SNA |
| 5 | 0501-002080 | Q100 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | SA |
| 5 | 0501-002080 | Q101 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | SA |
| 5 | 0501-002080 | Q104 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | SA |
| 5 | 0501-000342 | Q200 | TR-SMALL SIGNAL | KSC1623-Y,NPN,200mW,SOT-23,TP,135-270 | SA |
| 5 | 0501-000342 | Q600 | TR-SMALL SIGNAL | KSC1623-Y,NPN,200mW,SOT-23,TP,135-270 | SA |
| 5 | 0501-000342 | Q601 | TR-SMALL SIGNAL | KSC1623-Y,NPN,200mW,SOT-23,TP,135-270 | SA |
| 5 | 0501-000342 | Q602 | TR-SMALL SIGNAL | KSC1623-Y,NPN,200mW,SOT-23,TP,135-270 | SA |
| 5 | 0501-000342 | Q603 | TR-SMALL SIGNAL | KSC1623-Y,NPN,200mW,SOT-23,TP,135-270 | SA |
| 5 | 0501-000342 | Q800 | TR-SMALL SIGNAL | KSC1623-Y,NPN,200mW,SOT-23,TP,135-270 | SA |
| 5 | 0501-000280 | Q801 | TR-SMALL SIGNAL | KSA1182,PNP,150mW,SOT-23,TP,70 | SA |
| 5 | 0501-000280 | Q802 | TR-SMALL SIGNAL | KSA1182,PNP,150mW,SOT-23,TP,70 | SA |
| 5 | 0501-000280 | Q803 | TR-SMALL SIGNAL | KSA1182,PNP,150mW,SOT-23,TP,70 | SA |
| 5 | 0501-000280 | Q804 | TR-SMALL SIGNAL | KSA1182,PNP,150mW,SOT-23,TP,70 | SA |
| 5 | 0501-002080 | Q805 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | SA |
| 5 | 0501-000344 | Q809 | TR-SMALL SIGNAL | KSC1623-G,NPN,200mW,SOT-23,TP, | SA |
| 5 | 0501-002080 | Q900 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | SA |
| 5 | 0501-002080 | Q901 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | SA |
| 5 | 0501-000342 | Q902 | TR-SMALL SIGNAL | KSC1623-Y,NPN,200mW,SOT-23,TP,135-270 | SA |
| 5 | 2007-000090 | R114 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000939 | R115 | R-CHIP | 47Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000102 | R116 | R-CHIP | 100Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000102 | R120 | R-CHIP | 100Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000102 | R121 | R-CHIP | 100Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R122 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000102 | R127 | R-CHIP | 100Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R128 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R165 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R166 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |

| Level | Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 5 | 2007-007004 | R167 | R-CHIP | 12Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000965 | R168 | R-CHIP | 5.1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000708 | R169 | R-CHIP | 3.9Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R170 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000910 | R171 | R-CHIP | 43Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000965 | R172 | R-CHIP | 5.1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001068 | R173 | R-CHIP | 6.8Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R174 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000076 | R200 | R-CHIP | 330ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000102 | R201 | R-CHIP | 100Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000094 | R202 | R-CHIP | 22Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R203 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R204 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R205 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R207 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R208 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R209 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001179 | R210 | R-CHIP | 8.2Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000102 | R211 | R-CHIP | 100Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R311 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R312 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R501 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R503 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R506 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000107 | R509 | R-CHIP | 470Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000107 | R510 | R-CHIP | 470Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000080 | R511 | R-CHIP | 2Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000080 | R512 | R-CHIP | 2Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000100 | R513 | R-CHIP | 68Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000100 | R514 | R-CHIP | 68Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R516 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R600 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R601 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R602 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R603 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000078 | R604 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R605 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R606 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R607 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R608 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R609 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R610 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000078 | R611 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000093 | R612 | R-CHIP | 20Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000093 | R613 | R-CHIP | 20Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R614 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R615 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R616 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-002906 | R617 | R-CHIP | 200Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-001044 | R618 | R-CHIP | 56ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000078 | R619 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000309 | R620 | R-CHIP | 10ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000309 | R621 | R-CHIP | 10ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001044 | R622 | R-CHIP | 56ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000078 | R623 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000081 | R624 | R-CHIP | 2.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000081 | R625 | R-CHIP | 2.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R703 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R704 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R705 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R706 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R707 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R709 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R710 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R711 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R712 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R713 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R714 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R715 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R716 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R717 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R718 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R719 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R720 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000078 | R725 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R727 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |

| Level | Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 5 | 2007-000074 | R728 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R729 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000402 | R732 | R-CHIP | 150ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000402 | R733 | R-CHIP | 150ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R734 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001164 | R735 | R-CHIP | 75ohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-001164 | R736 | R-CHIP | 75ohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000608 | R737 | R-CHIP | 240ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000052 | R738 | R-CHIP | 10Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000052 | R739 | R-CHIP | 10Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000402 | R740 | R-CHIP | 150ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001164 | R741 | R-CHIP | 75ohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R742 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R745 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R746 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R747 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R748 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R749 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R752 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R753 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R770 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R771 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R772 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000239 | R773 | R-CHIP | 1.5Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000239 | R774 | R-CHIP | 1.5Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R775 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R776 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R777 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R778 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R779 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R781 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R800 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R801 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000082 | R8017 | R-CHIP | 3.3Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R8019 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000077 | R802 | R-CHIP | 470ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R803 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000458 | R808 | R-CHIP | 18Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000113 | R809 | R-CHIP | 33ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001134 | R8100 | R-CHIP | 68ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001002 | R8101 | R-CHIP | 510ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000882 | R8102 | R-CHIP | 4.7ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R8104 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R8105 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000082 | R8106 | R-CHIP | 3.3Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R8108 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R8109 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R8119 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R8120 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R8121 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000052 | R8126 | R-CHIP | 10Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R8140 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R8141 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R8143 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R8144 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000402 | R817 | R-CHIP | 150ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000402 | R818 | R-CHIP | 150ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R821 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000643 | R826 | R-CHIP | 270ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000309 | R827 | R-CHIP | 10ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000539 | R828 | R-CHIP | 200ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000643 | R829 | R-CHIP | 270ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000309 | R830 | R-CHIP | 10ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000539 | R831 | R-CHIP | 200ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000643 | R832 | R-CHIP | 270ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000309 | R833 | R-CHIP | 10ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000539 | R834 | R-CHIP | 200ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000071 | R835 | R-CHIP | 22ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000402 | R836 | R-CHIP | 150ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R837 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000113 | R838 | R-CHIP | 33ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000078 | R839 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000402 | R840 | R-CHIP | 150ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R841 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R842 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000113 | R843 | R-CHIP | 33ohm,5%,1/10W,TP,1608 | SA |

| Level | Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 5 | 2007-000070 | R845 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000402 | R849 | R-CHIP | 150ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R850 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R851 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000087 | R852 | R-CHIP | 6.8Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000087 | R853 | R-CHIP | 6.8Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000113 | R854 | R-CHIP | 33ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R855 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R856 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R857 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000081 | R858 | R-CHIP | 2.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R859 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R860 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R862 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R863 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000078 | R864 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R865 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R866 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R868 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R869 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R870 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R871 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R874 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R875 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R876 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R877 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R878 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R879 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R880 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R881 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R882 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R883 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R884 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R885 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R886 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R887 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001101 | R888 | R-CHIP | 62ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R889 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R890 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R891 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R892 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000070 | R895 | R-CHIP | 0ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000234 | R896 | R-CHIP | 1.3Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000402 | R897 | R-CHIP | 150ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000659 | R899 | R-CHIP | 27ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R900 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R901 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001164 | R902 | R-CHIP | 75ohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-001164 | R903 | R-CHIP | 75ohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-001164 | R904 | R-CHIP | 75ohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R905 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001167 | R906 | R-CHIP | 75ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R907 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001167 | R908 | R-CHIP | 75ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001167 | R909 | R-CHIP | 75ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R910 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R911 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R912 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000078 | R913 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R914 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000052 | R915 | R-CHIP | 10Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000052 | R916 | R-CHIP | 10Kohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-001164 | R917 | R-CHIP | 75ohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-001164 | R918 | R-CHIP | 75ohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-001164 | R919 | R-CHIP | 75ohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R920 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R921 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R923 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R924 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000402 | R925 | R-CHIP | 150ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000570 | R926 | R-CHIP | 2200HM,1%,1/10W,DA,TP,1608 | SA |
| 5 | 2007-000078 | R927 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000078 | R928 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R929 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000084 | R930 | R-CHIP | 4.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000078 | R931 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |

| Level | Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 5 | 2007-000078 | R932 | R-CHIP | 1Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R933 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000082 | R934 | R-CHIP | 3.3Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000075 | R940 | R-CHIP | 220ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000075 | R942 | R-CHIP | 220ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R944 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001167 | R945 | R-CHIP | 75ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-001164 | R946 | R-CHIP | 75ohm,1%,1/10W,TP,1608 | SA |
| 5 | 2007-000081 | R949 | R-CHIP | 2.7Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R950 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R951 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R952 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R954 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R955 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R956 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R957 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R958 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R959 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R960 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R961 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R962 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R963 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000074 | R964 | R-CHIP | 100ohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R965 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2007-000090 | R966 | R-CHIP | 10Kohm,5%,1/10W,TP,1608 | SA |
| 5 | 2011-000002 | RA701 | R-NET | 22OHM,5%,1/16W,L,CHIP,8P,TP,3216 | SA |
| 5 | 2011-000002 | RA702 | R-NET | 22OHM,5%,1/16W,L,CHIP,8P,TP,3216 | SA |
| 5 | 2011-000002 | RA703 | R-NET | 22OHM,5%,1/16W,L,CHIP,8P,TP,3216 | SA |
| 5 | 2011-000002 | RA704 | R-NET | 22OHM,5%,1/16W,L,CHIP,8P,TP,3216 | SA |
| 5 | 2011-000002 | RA705 | R-NET | 22OHM,5%,1/16W,L,CHIP,8P,TP,3216 | SA |
| 5 | 2011-000002 | RA706 | R-NET | 22OHM,5%,1/16W,L,CHIP,8P,TP,3216 | SA |
| 5 | 2011-000881 | RA800 | R-NET | 33ohm,5%,1/16W,L,CHIP,8P,TP | SA |
| 5 | 2011-000881 | RA801 | R-NET | 33ohm,5%,1/16W,L,CHIP,8P,TP | SA |
| 5 | 2011-000881 | RA802 | R-NET | 33ohm,5%,1/16W,L,CHIP,8P,TP | SA |
| 5 | 2011-000881 | RA803 | R-NET | 33ohm,5%,1/16W,L,CHIP,8P,TP | SA |
| 5 | 2011-000881 | RA804 | R-NET | 33ohm,5%,1/16W,L,CHIP,8P,TP | SA |
| 5 | 2011-000881 | RA805 | R-NET | 33ohm,5%,1/16W,L,CHIP,8P,TP | SA |
| 5 | 2011-000881 | RA806 | R-NET | 33ohm,5%,1/16W,L,CHIP,8P,TP | SA |
| 5 | 2011-000881 | RA807 | R-NET | 33ohm,5%,1/16W,L,CHIP,8P,TP | SA |
| 5 | 2011-000881 | RA808 | R-NET | 33ohm,5%,1/16W,L,CHIP,8P,TP | SA |
| 5 | 2801-003667 | X701 | CRYSTAL-SMD | 14.31818MHz,30ppm,28-AAN,16,50ohm,TP | SA |
| 5 | 2801-004004 | X800 | CRYSTAL-SMD | 20.25MHz,20ppm,28-AAN,13pF,25ohm,TP | SA |
| 5 | BN97-00360J | MICOM1 | ASSY MICOM | VE15EO | SA |
| 6 | BN09-00006A | IC802 | IC MICOM | VCT4973-XMC7,144,3.3V,PAL Nicam,PMQFP,TR,0 to +70 | SNA |
| 6 | BN82-00117J | CIS | A/S MICOM | VE15EO | SNA |
| 4 | BN97-00360H | MICOM | ASSY MICOM | VE15EO | SA |
| 5 | 1107-001495 | IC703 | IC-FLASH MEMORY | AT49BV002AN-70JI.256Kx8Bit,PLCC,32P,14x11.5mm,70nS,2.7/3.6V,-,-,-40to+85C,50uA,- | SA |
| 5 | BN82-00117H | CIS | A/S MICOM | VE15EO | SNA |
| 2 | BN91-00567K | - | ASSY LCD-S3 | ES15/MB15,S3 | SNA |
| 3 | BN07-00111A | CIS | LCD | LTM150XH-L06,CZB,6BIT FRC,331.6*254.76*12.5,16.19M,-,0.297*0.297,-,-,AMLCD/1 LVD | SA |

## 7-2Others

| Level | Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 2 | BN90-00507K | - | ASSY STAND | VE15UO | SNA |
| 3 | BN96-01105A | STD | ASSY STAND P | VE15UO,ABS HB | SNA |
| 4 | 6003-000259 | STD | SCREW-TAPTITE | BH,+,B,M3,L8,ZPC(YEL),SWRCH18A | SNA |
| 4 | 6003-001185 | STD | SCREW-TAPTITE | FH,+,B,M3,L8,NI PLT,SWRCH18A | SNA |
| 4 | BN61-00811A | STD | STAND-COVER | LT15M2,ABS HB | SNA |
| 4 | BN61-00812A | STD | STAND-SUB COVER | LT15M2,ABS HB | SNA |
| 4 | BN61-00813A | STD | STAND-BRKT BOTTOM | LT15M2,SECC,T1.0 | SNA |
| 4 | BN73-60002A | STD | RUBBER-FOOT | CY15PO,SPONGE,-,-,-,BL,-,-,-,- | SNA |
| 4 | BN96-01162A | STD | ASSY MISC P-HINGE | VE15UO,DIE CASTING T2.5 | SNA |

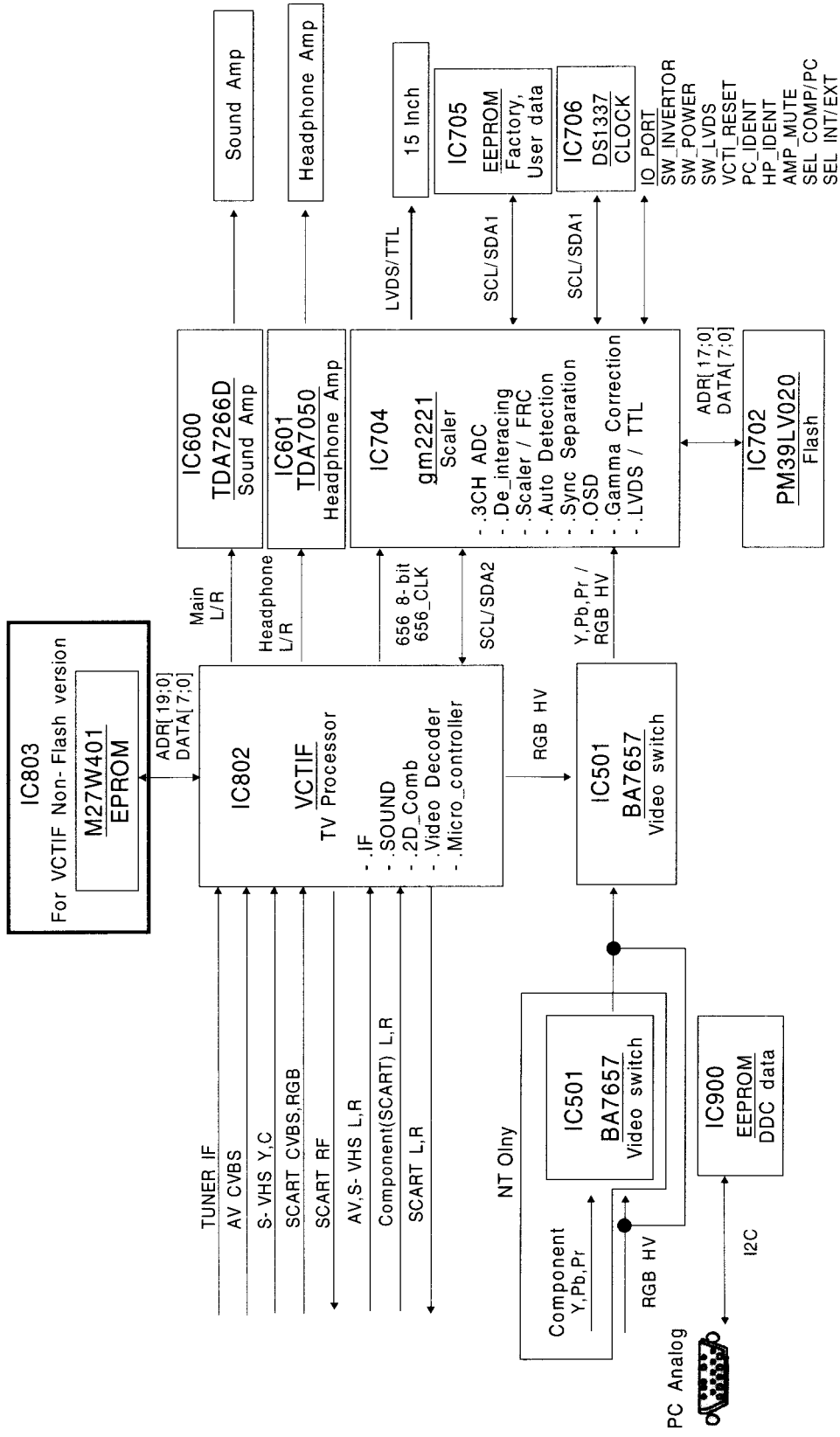
| Level | Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 2 | BN90-00641V | - | ASSY COVER REAR | VE15EO | SNA |
| 3 | BN96-01104C | C/R | ASSY COVER P-REAR | VE15EO,ABS V0 | SNA |
| 4 | AA60-00091A | C/R | SPACER-FELT | -,FELT,150X10,-,-,BLK,T0.35,-,- | SNA |
| 4 | BN63-01040A | C/R | COVER-REAR | LT15M2,ABS V0 BK19 | SNA |
| 4 | BN63-01178B | C/R | COVER-INLAY | VE15EO,PC SHEET,T0.5 | SNA |
| 2 | BN90-00647D | - | ASSY COVER FRONT | VE15EO | SNA |
| 3 | 6003-001003 | C/F+C/R | SCREW-TAPTITE | BH,+,B,M4,L12,ZPC(BLK),SWRCH18 | SNA |
| 3 | BN96-01103C | C/F | ASSY COVER P-FRONT | VE15EO,ABS V0 | SNA |
| 4 | 6003-000010 | C/F | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | SA |
| 4 | 6003-000259 | C/F | SCREW-TAPTITE | BH,+,B,M3,L8,ZPC(YEL),SWRCH18A | SNA |
| 4 | AA60-00091A | C/F | SPACER-FELT | -,FELT,150X10,-,-,BLK,T0.35,-,- | SNA |
| 4 | AA60-00091S | C/F | SPACER-FELT | 61L2,FELT,30*10,BLK,T0.5 | SNA |
| 4 | BN63-00868A | C/F | FELT | AS17UO,FELT,0.5,10,214 | SNA |
| 4 | BN63-01037A | C/F | COVER-FRONT | LT15M2,ABS V0 GR60 | SNA |
| 4 | BN63-01042B | C/F | COVER-FRONT BEZEL | VE15EO,ABS V0 BK19 | SNA |
| 4 | BN64-00031A | C/F | BADGE-BRAND | RB15AS,AL,T1.4,6.3,40.1,SILIVER,SAMSUNG(G/S) | SNA |
| 4 | BN64-00254A | C/F | KNOB-FUNCTON | LT15M2,ABS,HB,BK19 | SNA |
| 4 | BN67-00118A | C/F | LENS-IR | LT15M2,ACRYL,CLEAR | SA |
| 4 | BN96-01155A | C/F | ASSY BOARD P-FUNCTION/IR | VE15UO,FUNCTION/IR | SNA |
| 4 | BN96-01163A | C/F | ASSY SPEAKER P | 16ohm,Venice,Right,3W,300mm | SNA |
| 4 | BN96-01164A | C/F | ASSY SPEAKER P | 16ohm,Venice,Left,3W,150mm | SNA |
| 2 | BN91-00333R | - | ASSY CHASSIS-S3 | VE15EO | SA |
| 2 | BN91-00772W | - | ASSY SHIELD | VE15UO | SNA |
| 3 | 6003-000256 | SH/PAN+IP/PCB | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SM20C | SNA |
| 3 | 6003-000259 | SH/PAN+C/F | SCREW-TAPTITE | BH,+,B,M3,L8,ZPC(YEL),SWRCH18A | SNA |
| 3 | 6003-000259 | SH/PAN+M/PCB | SCREW-TAPTITE | BH,+,B,M3,L8,ZPC(YEL),SWRCH18A | SNA |
| 3 | 6003-001003 | C/F+C/R+STD | SCREW-TAPTITE | BH,+,B,M4,L12,ZPC(BLK),SWRCH18 | SNA |
| 3 | BN44-00112A | CIS | IP BOARD | IP-31.6W(13V,5V),Venice,1.5mA~3.0mA,6.1mA~7.3mA,48kHz,4,AC90V~264VAC,5Vdc /13Vd | SNA |
| 3 | BN61-01234A | CIS | HOLDER-INVERTER | MATISSE,ABS V0,BK07 | SNA |
| 3 | BN96-01188A | CIS | ASSY MISC P-SHIELD PANEL | VE15UO,SECC T0.8 | SNA |
| 4 | BH68-30003C | CIS | LABEL-00,HIGH,VOLTAGE | SS,ART100G,30*33,YEL | SNA |
| 4 | BN63-01043A | CIS | SHIELD-PANEL | LT15M2,SECC,T0.8 | SA |
| 2 | BN92-00945N | - | ASSY P/MATERIAL | VE15UO | SNA |
| 3 | 6902-000379 | P/M | BAG AIR | HDPE,T0.2,L1800,W1000,TRP,,,PAPER | SNA |
| 3 | 6902-000520 | P/M | BAG PE | HDPE/NITRON(DOUBLE),T0.015/T0.5(DOUBLE),W700,L700,TRP,28 LANGUAGE,2- | SNA |
| 3 | 6902-000604 | P/M | BAG WRAPPING | LDPE,T0.02,W500,L10000,TRP,-,- | SNA |
| 3 | 6902-000609 | P/M | BAG ROLL | LDPE,T0.05,W2400,L1000,TRP,-,- | SNA |
| 3 | BH69-00457C | P/M | PACKING-PAD BOTTOM | CY15PO,FOAM,T3.0,1320,880 | SNA |
| 3 | BH69-40321A | P/M | PACKING-PAD | SW-4,W2155*L140,-,DEC,-,-,-,-, | SNA |
| 3 | BH69-40380A | P/M | PACKING-PAD | DW-2,500X2200X200,-,CGK5527 | SNA |
| 3 | BN68-00129A | P/M | LABEL SHIPPING | -,LABEL SHIPPING,ART-PAPER,100G,-,WHT,BLACK,-,-,- | SNA |
| 3 | BN69-00123L | P/M | PAD PACKING | RJ15PO | SNA |
| 3 | BN69-00140T | P/M | PAD-PALLET COVER | SUN(LSA810),SW,900,3760,-,-,-,-,- | SNA |
| 3 | BN69-00617H | P/M | PALLET-PACKING | VENICE15,WOODEN,1330,960,120 | SNA |
| 3 | BN69-00641A | P/M | CUSHION-L,R | LT15M2,EPS M50 | SNA |
| 2 | BN92-01042Q | - | ASSY ACCESSORY | VE15EO | SNA |
| 3 | BN59-00437A | ACCESSORY | REMOCON | TM79,Single Micom,36,EX,NT,EX,VENICE | SNA |
| 3 | BN96-00645J | UNIT/ACCESSORY | ASSY ACCESSORY | MU15EO | SA |
| 4 | 0203-000214 | ACCESSORY | TAPE-OPP MASKING | OPP/W50/CLR,T0.05,W50,L400000, | SNA |
| 4 | 4301-000121 | ACCESSORY | BATTERY-MN | 1.5V,-,AAA,10.5x44.5m,HOLDER | SA |
| 4 | 6902-000110 | ACCESSORY | BAG PE | LDPE,T0.05,L356,W240,TRP,28,2,PE MARK | SNA |
| 4 | BH39-10339H | ACCESSORY | CBF POWER CORD | DET,H05VV-F,250V/10,16A,BLK,25 | SA |
| 3 | BN96-00952W | UNIT/ACCESSORY | ASSY ACCESSORY | VE15EO | SA |
| 4 | 0203-000214 | ACCESSORY | TAPE-OPP MASKING | OPP/W50/CLR,T0.05,W50,L400000, | SNA |
| 4 | 6801-001014 | ACCESSORY | CARD-REGISTRATION | XEU,ENG,MOJO100,L150,W392,-,- | SNA |
| 4 | 6801-001015 | ACCESSORY | CARD-REGISTRATION | XEG,GERMAN,MOJO100,L150,W392,-,- | SNA |
| 4 | 6801-001016 | ACCESSORY | CARD-REGISTRATION | XEF,FRENCH,MOJO100,L150,W392,-,- | SNA |
| 4 | 6801-001017 | ACCESSORY | CARD-REGISTRATION | XEC,SPANISH,MOJO100,L150,W392,-,- | SNA |
| 4 | 6801-001018 | ACCESSORY | CARD-REGISTRATION | XET,ITALY,MOJO100,L150,W392,-,- | SNA |
| 4 | 6801-001019 | ACCESSORY | CARD-REGISTRATION | XEN,DUTCH,MOJO100,L150,W392,-,- | SNA |
| 4 | 6801-001020 | ACCESSORY | CARD-REGISTRATION | XEP,PORTUGAL,MOJO100,L150,W392,-,- | SNA |
| 4 | 6902-000110 | ACCESSORY | BAG PE | LDPE,T0.05,L356,W240,TRP,28,2,PE MARK | SNA |
| 4 | AA68-03242A | ACCESSORY | MANUAL-01,SAFETY GUIDE | NT/PAL ALL MODEL,E/F/S/I/G/SC/ST/J/P,R,B5 | SNA |

| Level | Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|---|
| 4 | BN68-00514A | ACCESSORY | MANUAL-WARRANTY CARD | PDP/LCD TV,EN,FR,DE, ETC,W/P120g | SNA |
| 4 | BN68-00633C | ACCESSORY | MANUAL USERS-00 | LW15/17/20M,SAMSUNG,E/F/G/D/I/S/P,W.Europe,Mojo120/100g,B5 | SNA |
| 3 | BN96-01270A | ACCESSORY | ASSY MISC P-BRKT WALL | VE15UO | SNA |
| 2 | BN92-01043V | - | ASSY BOX | VE15EO | SNA |
| 3 | BH68-00329D | BOX | LABEL BAR CODE-01 | NO CE,NO WT`Y,MPRII,LABEL-BARCODE,MOJO 90G,90,95,WHT | SNA |
| 3 | BH75-10529A | BOX | UNIT-HANDLE PACKING | LXA410TLMU,PE,-,WHITE,- | SNA |
| 4 | BN72-60001A | CIS | LEVER-TOP | LSD210TL,PE-LD,WHITE,TFT_LCD | SNA |
| 4 | BN72-60002A | CIS | LEVER-BOTTOM | LSD210TL,PE-LD,WHITE,TFT-LCD | SNA |
| 3 | BN69-00753D | BOX | PACKING CASE-00 | VE15E*,SW4 A,A1,YEL,EUROPE/CIS | SNA |
| 2 | BN92-01044G | - | ASSY LABEL | VE15EO | SNA |
| 3 | AA68-50502A | LABEL | LABEL-CONFORMATION | W/P100(G),CTV,ITALY,170x110,BL | SNA |
| 3 | BN68-00614A | LABEL | LABEL RATING-00 | ALL,SS,PE,T0.05,90*45,BLK,POLYESTER,NO SILK | SNA |

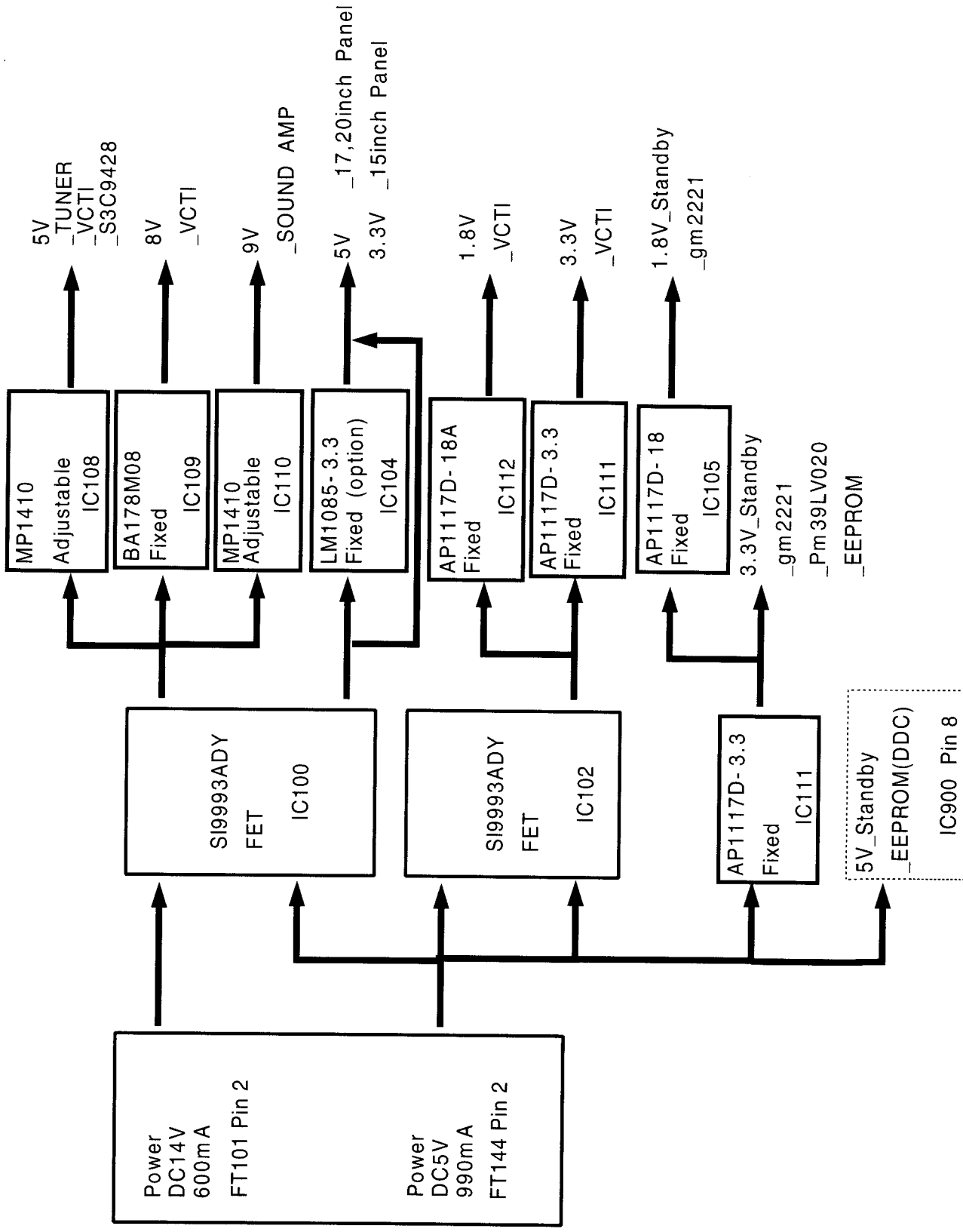
# 8 Block Diagram

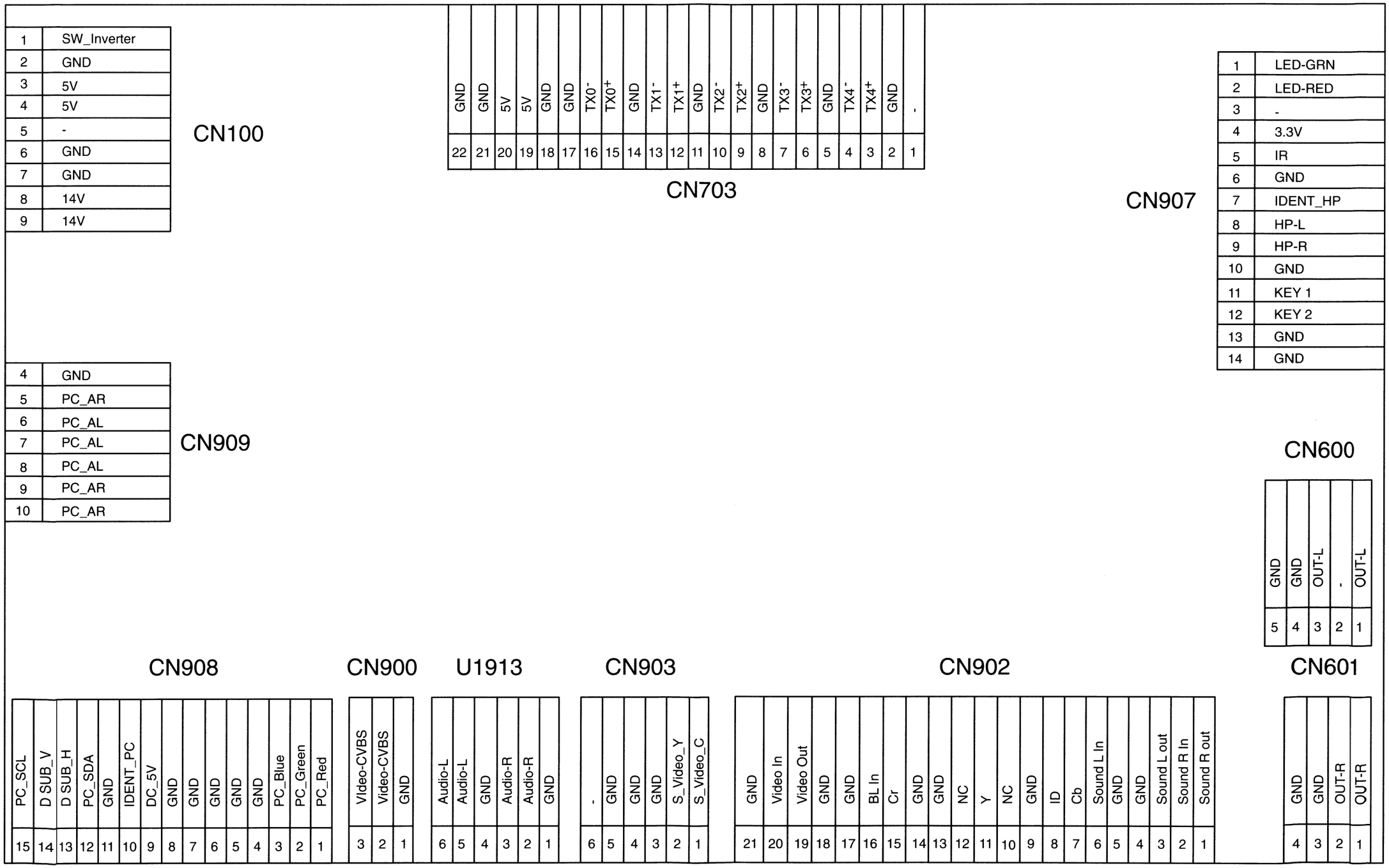
* This Document can not be used without Samsung's authorization.

## 8-1 Signal Path Block Diagram



## 8-2 Input Power Block Diagram

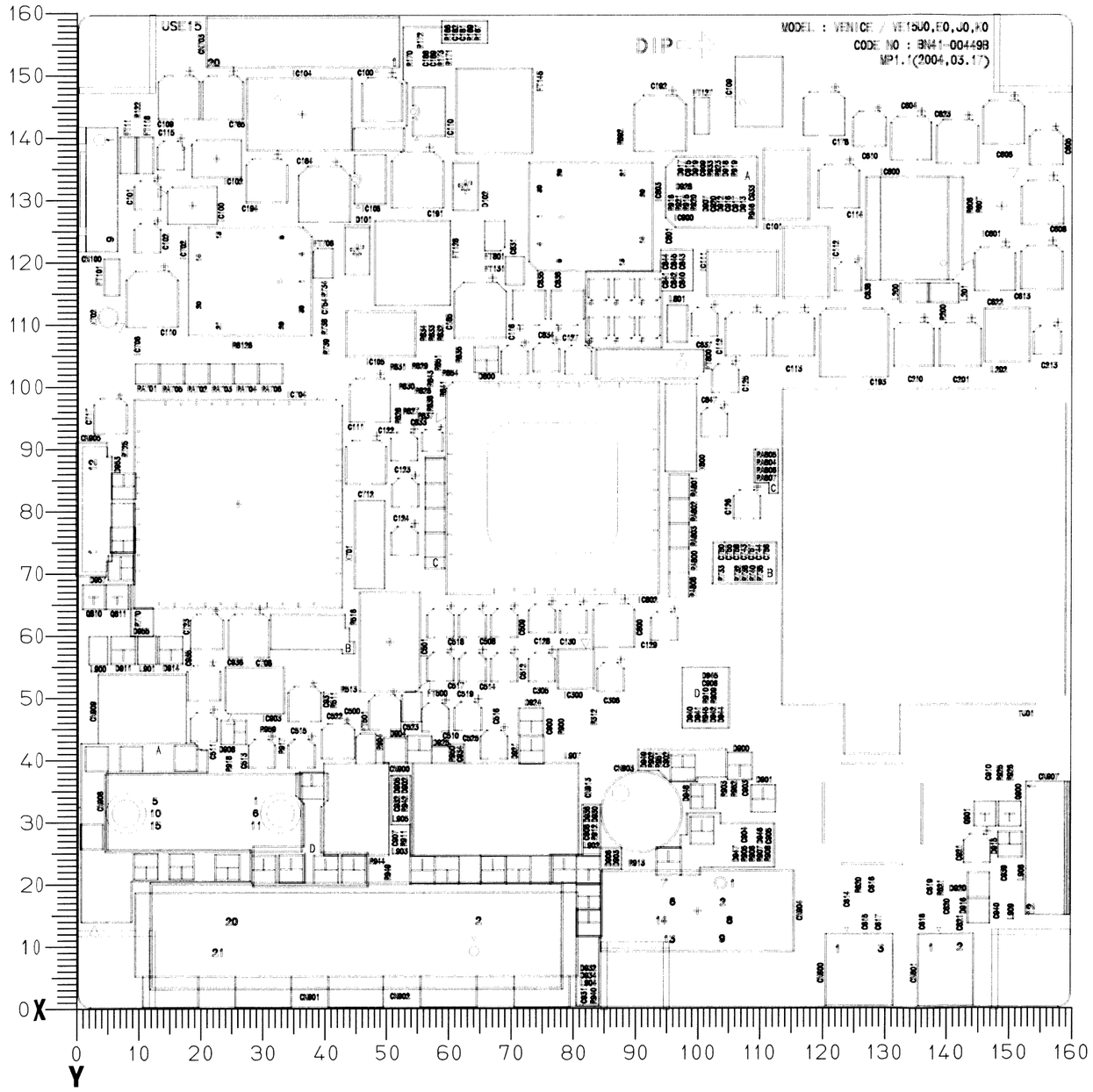



CN100
1 SW_Inverter
2 GND
3 5V
4 5V
5 -
6 GND
7 GND
8 14V
9 14V
CN703
22 GND
21 GND
20 5V
19 5V
18 GND
17 GND
16 TX0-
15 TX0+
14 GND
13 TX1-
12 TX1+
11 GND
10 TX2-
9 TX2+
8 GND
7 TX3-
6 TX3+
5 GND
4 TX4-
3 TX4+
2 GND
1 -
CN907
1 LED-GRN
2 LED-RED
3 -
4 3.3V
5 IR
6 GND
7 IDENT_HP
8 HP-L
9 HP-R
10 GND
11 KEY 1
12 KEY 2
13 GND
14 GND
CN909
4 GND
5 PC_AR
6 PC_AL
7 PC_AL
8 PC_AL
9 PC_AR
10 PC_AR
CN600
5 GND
4 GND
3 OUT-L
2 -
1 OUT-L
CN908
15 PC_SCL
14 D SUB_V
13 D SUB_H
12 PC_SDA
11 GND
10 IDENT_PC
9 DC_5V
8 GND
7 GND
6 GND
5 GND
4 GND
3 PC_Blue
2 PC_Green
1 PC_Red
CN900
3 Video-CVBS
2 Video-CVBS
1 GND
U1913
6 Audio-L
5 Audio-L
4 GND
3 Audio-R
2 Audio-R
1 GND
CN903
6 -
5 GND
4 GND
3 GND
2 S_Video_Y
1 S_Video_C
CN902
21 GND
20 Video In
19 Video Out
18 GND
17 GND
16 BL In
15 Cr
14 GND
13 GND
12 NC
11 Y
10 NC
9 GND
8 ID
7 Cb
6 Sound L In
5 GND
4 GND
3 Sound L out
2 Sound R In
1 Sound R out
CN601
4 GND
3 GND
2 OUT-R
1 OUT-R

## Memo

# 10 PCB Layout

## 10-1 Main PCB Layout




| Loc. No. | Description | X | Y |
|---|---|---|---|
| | **DIODE** | | |
| D101 | DIODE-RECTIFIER | 45.0 | 122.1 |
| D102 | DIODE-RECTIFIER | 62.5 | 132.4 |
| D200 | DIODE-SWITCHING | 155.4 | 110.7 |
| D201 | DIODE-ZENER | 141.4 | 86.4 |
| D600 | DIODE-SWITCHING | 124.7 | 140.2 |
| D601 | DIODE-ARRAY | 143.6 | 142.7 |
| D602 | DIODE-ZENER | 149.8 | 144.8 |
| D603 | DIODE-ZENER | 155.0 | 116.3 |
| D604 | DIODE-ZENER | 148.1 | 116.2 |
| D701 | DIODE-SWITCHING | 20.9 | 88.5 |
| D702 | DIODE-SWITCHING | 45.4 | 81.9 |
| D800 | DIODE-SWITCHING | 65.9 | 104.5 |
| D900 | DIODE-ZENER | 106.9 | 39.0 |
| D901 | DIODE-ZENER | 110.6 | 33.5 |
| D902 | DIODE-ZENER | 59.7 | 22.2 |
| D903 | DIODE-ZENER | 82.5 | 22.2 |
| D904 | DIODE-ZENER | 51.3 | 41.5 |
| D905 | DIODE-ZENER | 55.7 | 22.1 |
| D906 | DIODE-ZENER | 78.5 | 22.2 |
| D907 | DIODE-ARRAY | 11.0 | 22.7 |
| D908 | DIODE-SWITCHING | 25.2 | 44.5 |
| D909 | DIODE-SWITCHING | 25.5 | 40.4 |
| D910 | DIODE-SWITCHING | 31.9 | 40.4 |
| D911 | DIODE-ZENER | 7.3 | 57.8 |
| D912 | DIODE-SWITCHING | 16.8 | 22.7 |
| D913 | DIODE-SWITCHING | 24.2 | 22.6 |
| D914 | DIODE-ZENER | 15.0 | 57.8 |
| D915 | DIODE-SWITCHING | 150.3 | 26.2 |
| D916 | DIODE-ZENER | 145.3 | 15.4 |
| D917 | DIODE-ZENER | 3.0 | 40.2 |
| D918 | DIODE-ZENER | 17.4 | 40.3 |
| D919 | DIODE-ZENER | 8.6 | 40.2 |
| D920 | DIODE-ZENER | 145.3 | 19.6 |
| D921 | DIODE-ZENER | 73.2 | 41.4 |
| D922 | DIODE-ZENER | 73.2 | 43.7 |
| D923 | DIODE-ZENER | 73.3 | 48.5 |
| D924 | DIODE-ZENER | 73.2 | 46.2 |
| D925 | DIODE-ZENER | 55.2 | 41.5 |
| D926 | DIODE-ZENER | 111.2 | 33.7 |
| D927 | DIODE-ZENER | 103.2 | 38.3 |
| D928 | DIODE-ZENER | 2.2 | 27.6 |
| D930 | DIODE-ZENER | 71.2 | 22.2 |
| D932 | DIODE-ZENER | 82.5 | 17.9 |
| D934 | DIODE-ZENER | 82.5 | 13.6 |
| D936 | DIODE-ZENER | 67.0 | 22.1 |
| D940 | DIODE-ZENER | 30.0 | 22.2 |
| D941 | DIODE-ZENER | 34.4 | 22.3 |
| D942 | DIODE-ZENER | 40.0 | 22.2 |
| D944 | DIODE-ZENER | 44.5 | 22.2 |
| D945 | DIODE-ZENER | 37.7 | 35.8 |
| D946 | DIODE-ZENER | 100.7 | 28.4 |
| D947 | DIODE-ZENER | 95.3 | 23.4 |
| D948 | DIODE-SWITCHING | 100.8 | 33.9 |
| D949 | DIODE-SWITCHING | 97.6 | 38.7 |
| D950 | DIODE-ZENER | 154.3 | 25.9 |
| D951 | DIODE-SWITCHING | 4.2 | 87.9 |
| D952 | DIODE-SWITCHING | 3.1 | 83.4 |

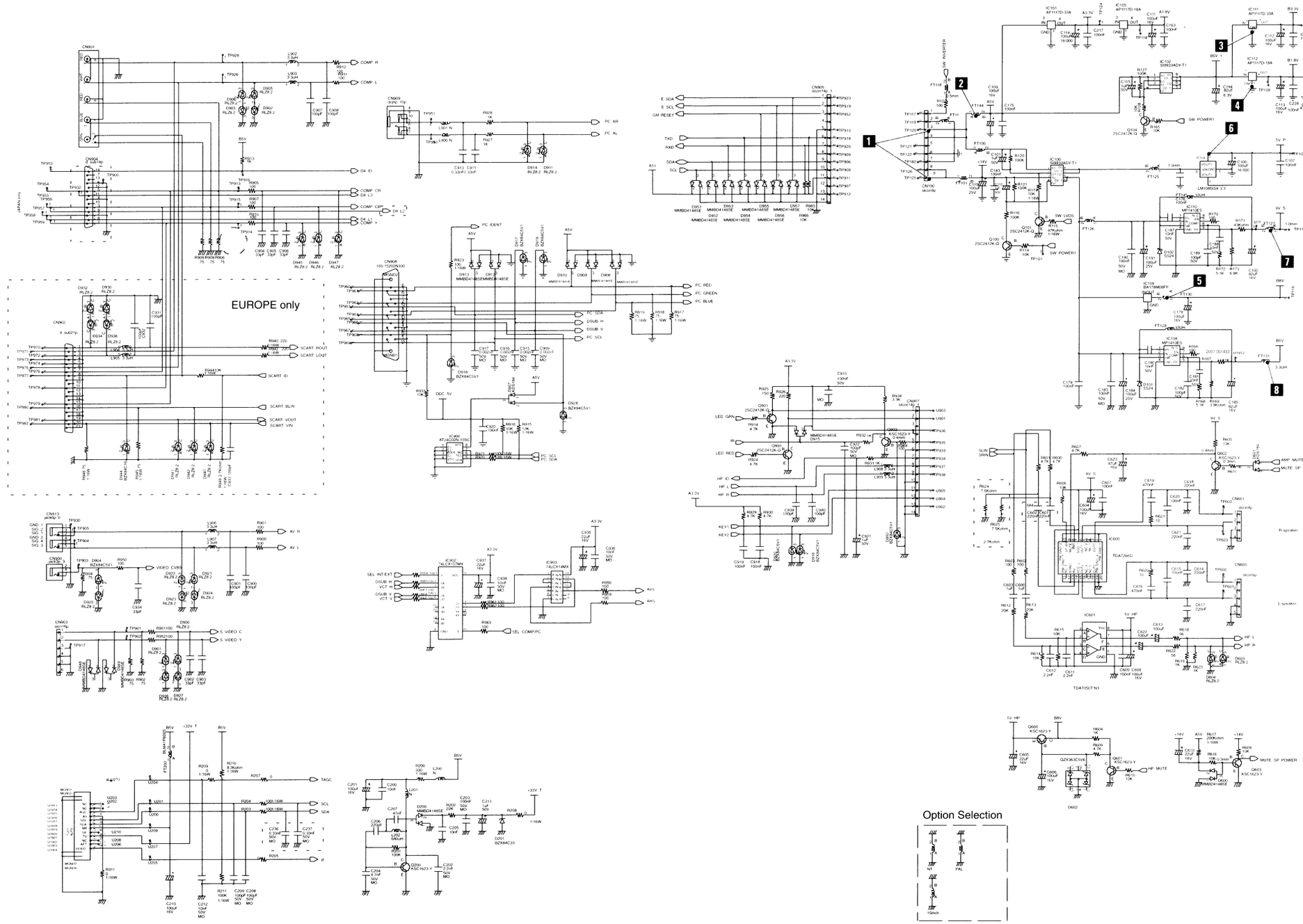
| Loc. No. | Description | X | Y |
|---|---|---|---|
| D953 | DIODE-SWITCHING | 7.3 | 84.2 |
| D954 | DIODE-SWITCHING | 3.1 | 79.0 |
| D955 | DIODE-SWITCHING | 7.3 | 75.4 |
| D956 | DIODE-SWITCHING | 3.1 | 73.5 |
| D957 | DIODE-SWITCHING | 6.9 | 71.1 |
| | **IC** | | |
| IC100 | FET-SILICON | 18.4 | 129.4 |
| IC101 | IC-VOLTAGE REGULATOR | 114.1 | 132.7 |
| IC102 | FET-SILICON | 22.3 | 137.0 |
| IC104 | IC-POSI.FIXED REG. | 36.1 | 144.1 |
| IC105 | IC-VOLTAGE REGULATOR | 48.9 | 108.7 |
| IC108 | IC-DC/DC CONVERTER | 47.1 | 133.6 |
| IC109 | IC-POSI.FIXED REG. | 109.7 | 148.1 |
| IC110 | IC-DC/DC CONVERTER | 56.6 | 144.5 |
| IC111 | IC-VOLTAGE REGULATOR | 107.0 | 118.4 |
| IC112 | IC-VOLTAGE REGULATOR | 117.3 | 120.1 |
| IC300 | IC-VOL. DETECTOR | 80.4 | 55.1 |
| IC500 | IC-VIDEO SWITCH | 43.8 | 49.1 |
| IC501 | IC-VIDEO SWITCH | 50.4 | 59.0 |
| IC600 | IC-AUDIO AMP | 134.7 | 125.6 |
| IC601 | IC-AUDIO AMP | 148.8 | 129.2 |
| IC702 | SOCKET-IC | 27.7 | 117.2 |
| IC703 | IC-FLASH MEMORY | 0.0 | 0.0 |
| IC704 | IC | 25.8 | 81.3 |
| IC705 | IC-EEPROM | 32.4 | 85.5 |
| IC706 | IC-REAL TIME CLOCK | 4.8 | 104.4 |
| IC802 | IC-SIGNAL PROCESSOR | 76.6 | 83.8 |
| IC803 | SOCKET-IC | 82.7 | 127.6 |
| IC805 | IC-EEPROM | 72.7 | 80.7 |
| IC900 | IC-EEPROM | 4.5 | 18.0 |
| IC902 | IC-CMOS LOGIC | 28.8 | 51.4 |
| IC903 | IC-CMOS LOGIC | 28.6 | 51.2 |
| | **TRANSISTOR** | | |
| Q100 | TR-SMALL SIGNAL | 14.9 | 119.9 |
| Q101 | TR-SMALL SIGNAL | 14.4 | 128.1 |
| Q104 | TR-SMALL SIGNAL | 16.6 | 133.0 |
| Q200 | TR-SMALL SIGNAL | 145.7 | 110.1 |
| Q600 | TR-SMALL SIGNAL | 156.3 | 138.1 |
| Q601 | TR-SMALL SIGNAL | 150.5 | 140.8 |
| Q602 | TR-SMALL SIGNAL | 139.5 | 142.7 |
| Q603 | TR-SMALL SIGNAL | 129.3 | 140.2 |
| Q800 | TR-SMALL SIGNAL | 87.6 | 62.0 |
| Q801 | TR-SMALL SIGNAL | 91.5 | 62.2 |
| Q802 | TR-SMALL SIGNAL | 53.1 | 97.5 |
| Q803 | TR-SMALL SIGNAL | 53.1 | 101.4 |
| Q804 | TR-SMALL SIGNAL | 57.1 | 106.5 |
| Q805 | TR-SMALL SIGNAL | 62.6 | 104.5 |
| Q806 | FET-SILICON | 25.4 | 77.8 |
| Q807 | FET-SILICON | 25.4 | 73.3 |
| Q809 | TR-SMALL SIGNAL | 131.7 | 99.7 |
| Q810 | FET-SILICON | 2.5 | 66.3 |
| Q811 | FET-SILICON | 6.3 | 66.3 |
| Q900 | TR-SMALL SIGNAL | 150.3 | 31.1 |
| Q901 | TR-SMALL SIGNAL | 146.3 | 31.1 |
| Q902 | TR-SMALL SIGNAL | 150.4 | 25.9 |

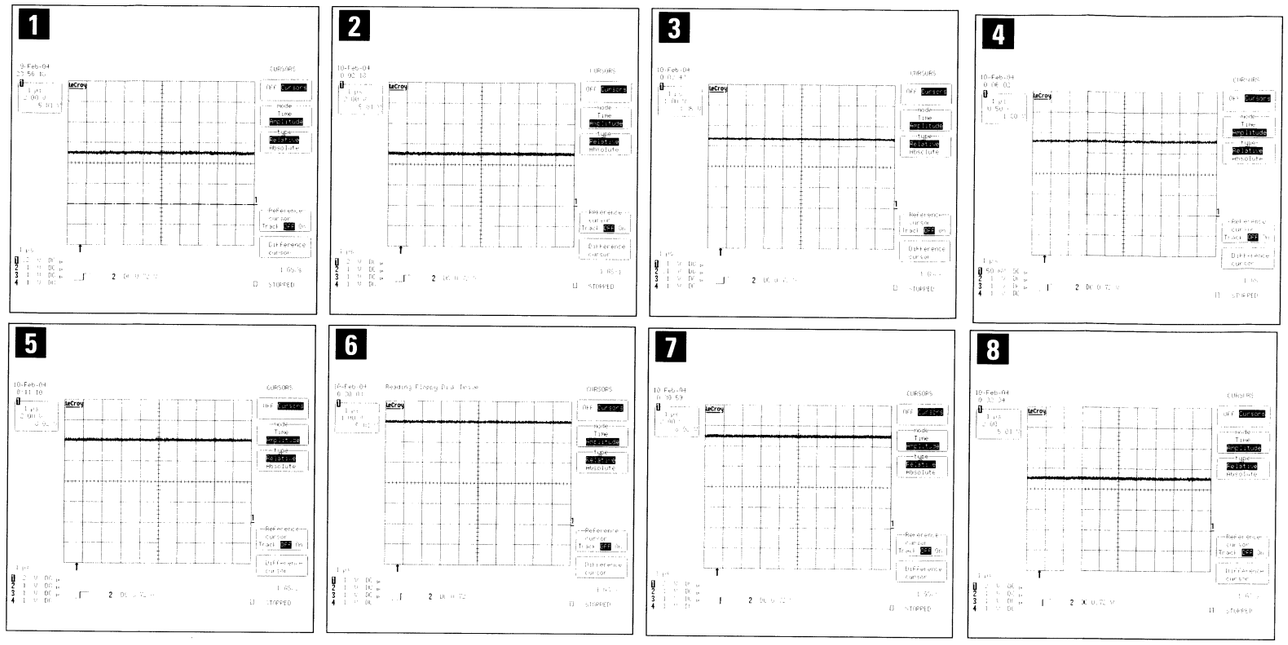
## Memo

# 11 Schematic Diagrams

✻ This Document can not be used without Samsung's authorization.

## 11-1 Input Power Sound Schematic Diagram




1
2
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8

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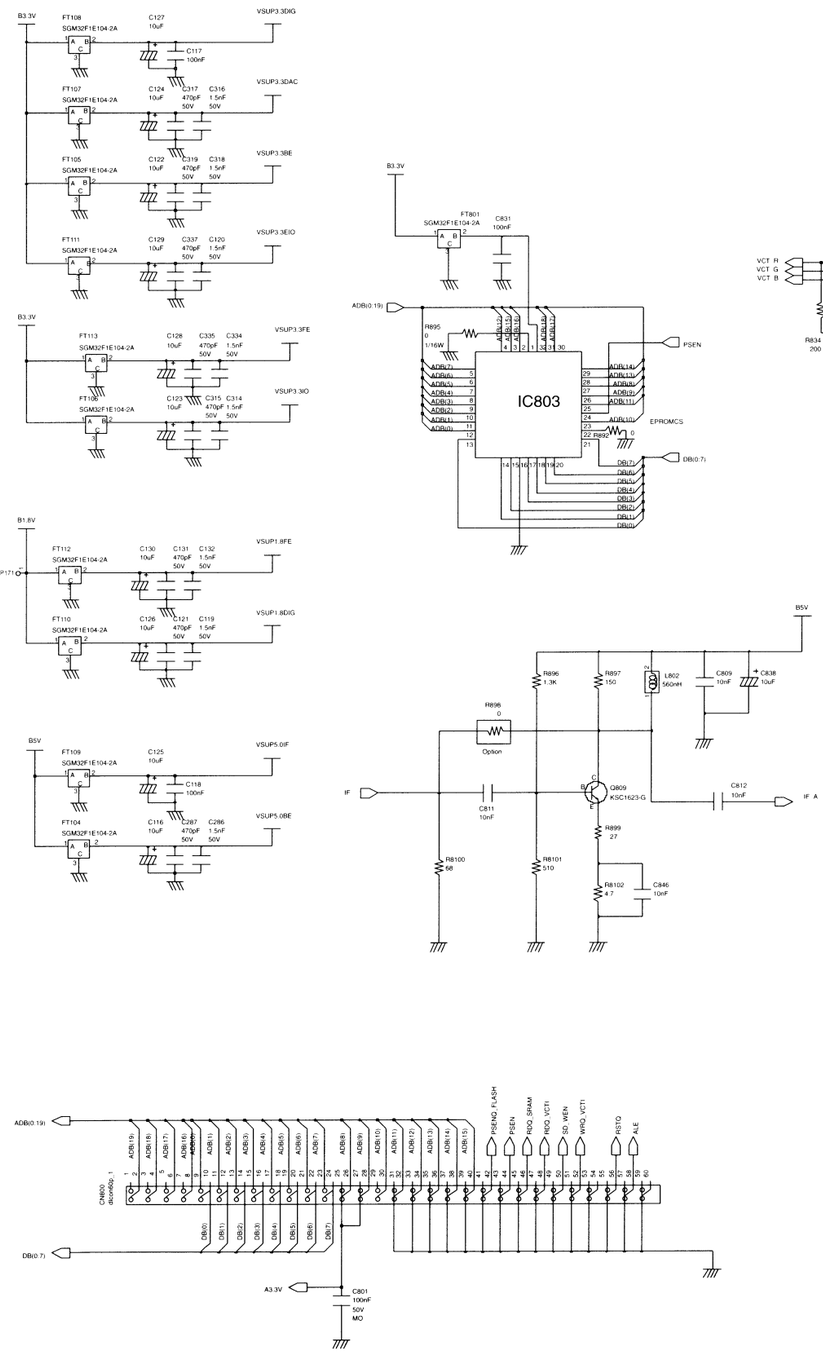
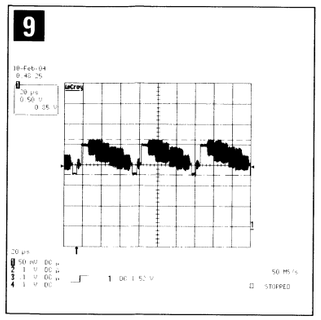
## 11-2 Video Decoder Schematic Diagram




9
18-Feb-04
8:40:24
20 µs
0.50 V
-0.05 V
20 µs
50 mV DC
1 V DC
1 V DC
1 V DC
50 MS/s
STOPPED

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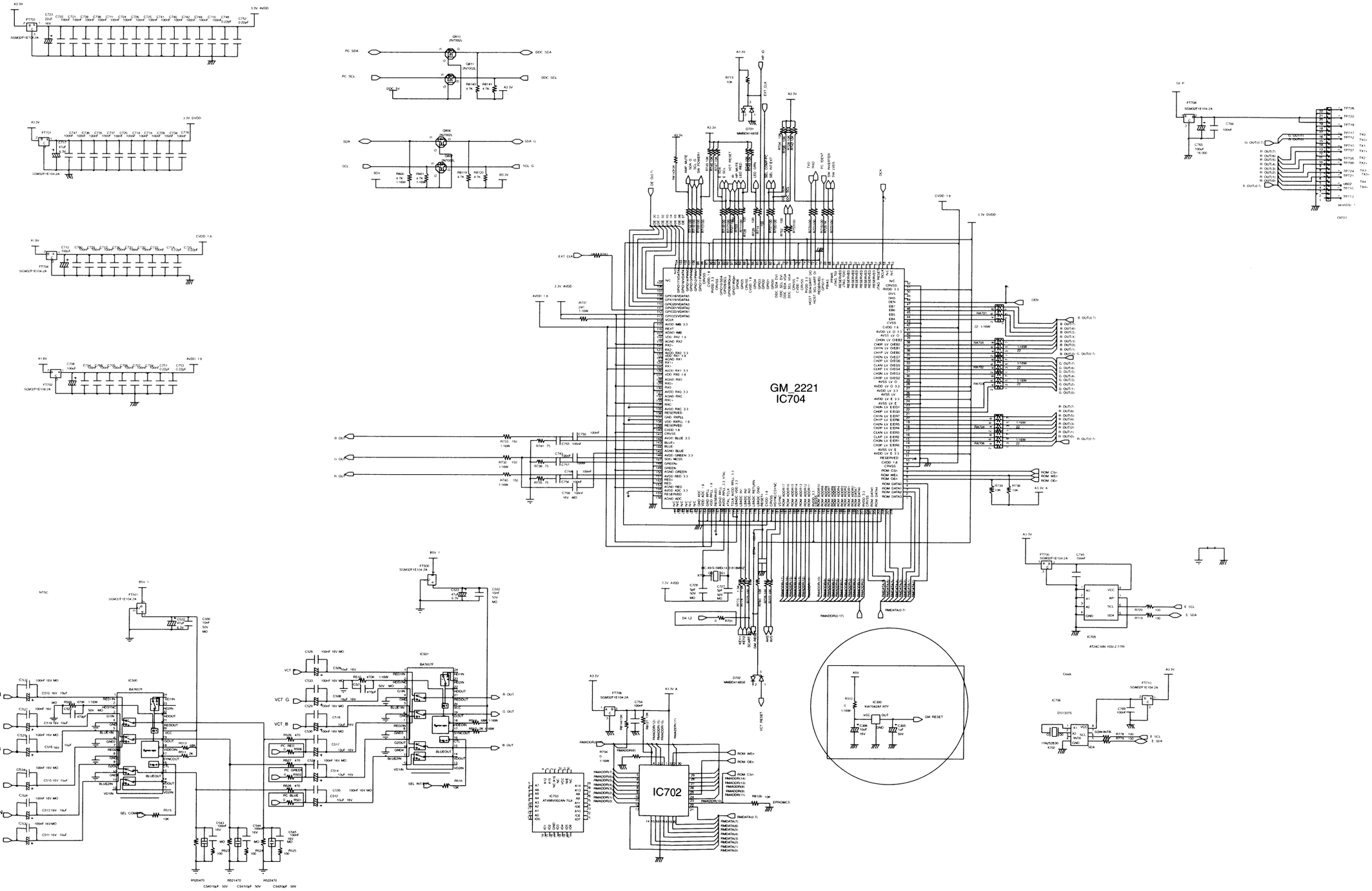
## 11-3 Output Scaler, LVDS Schematic Diagram



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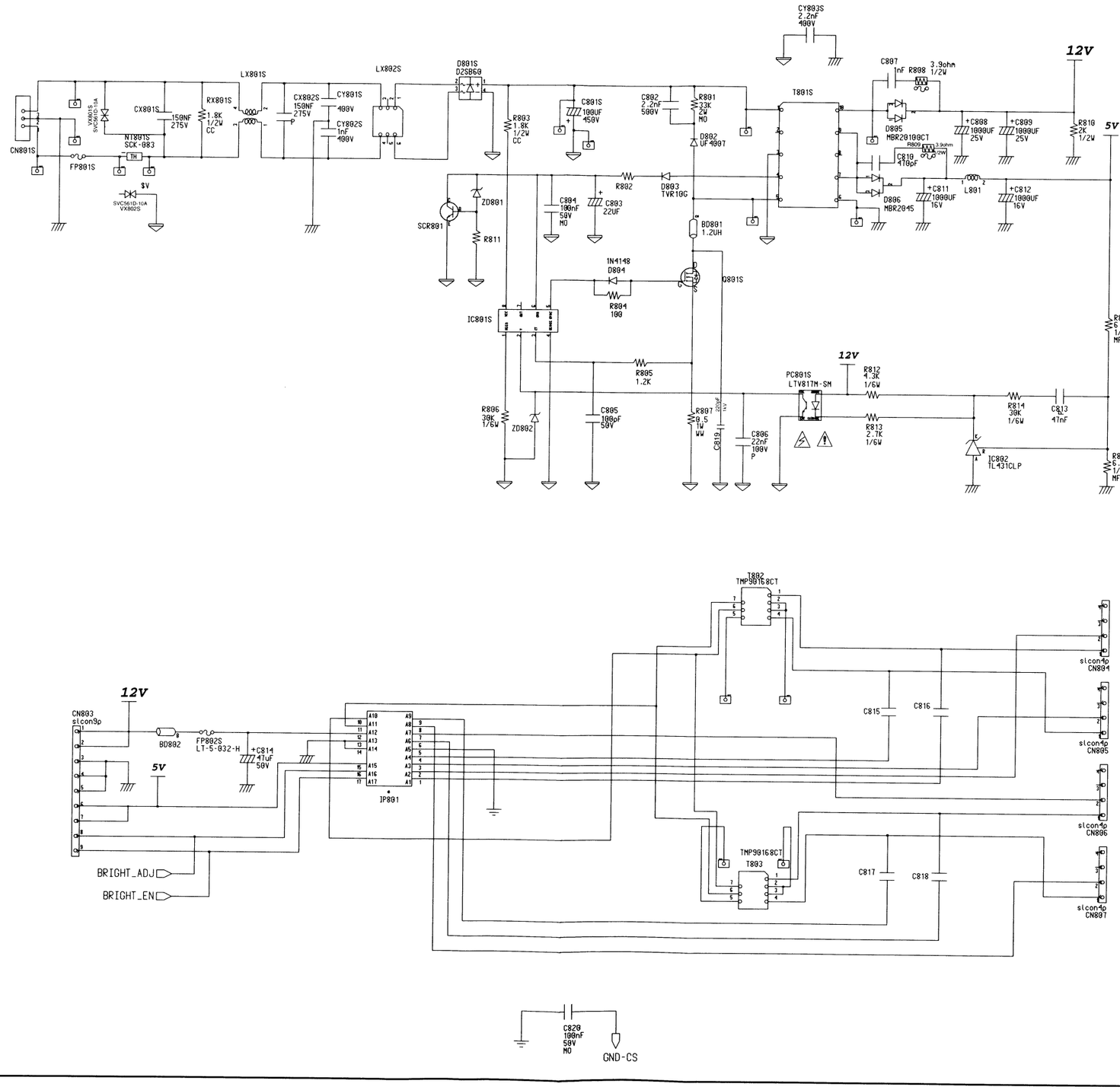
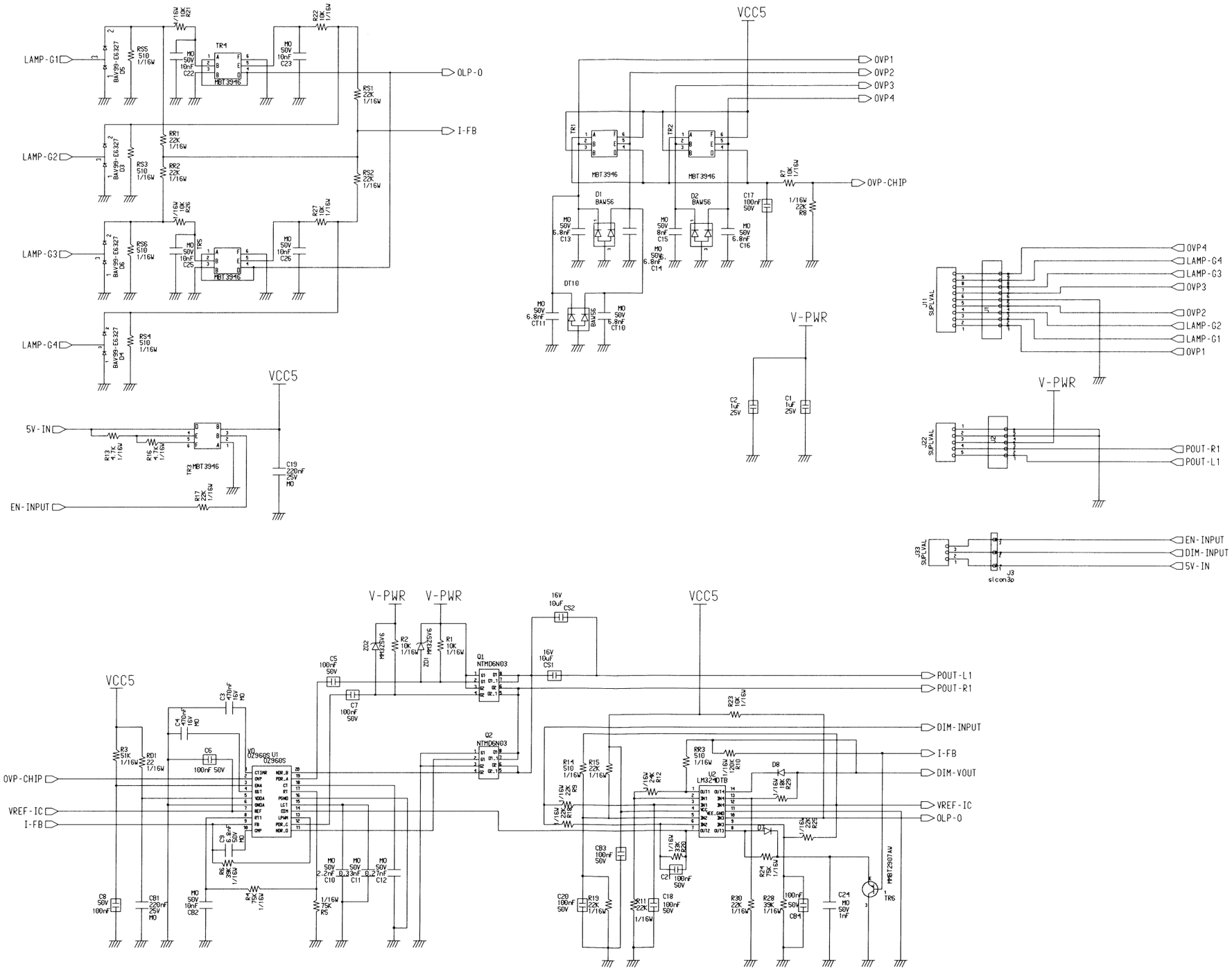
## 11-4 Power Supply, Inverter Board Schematic Diagram



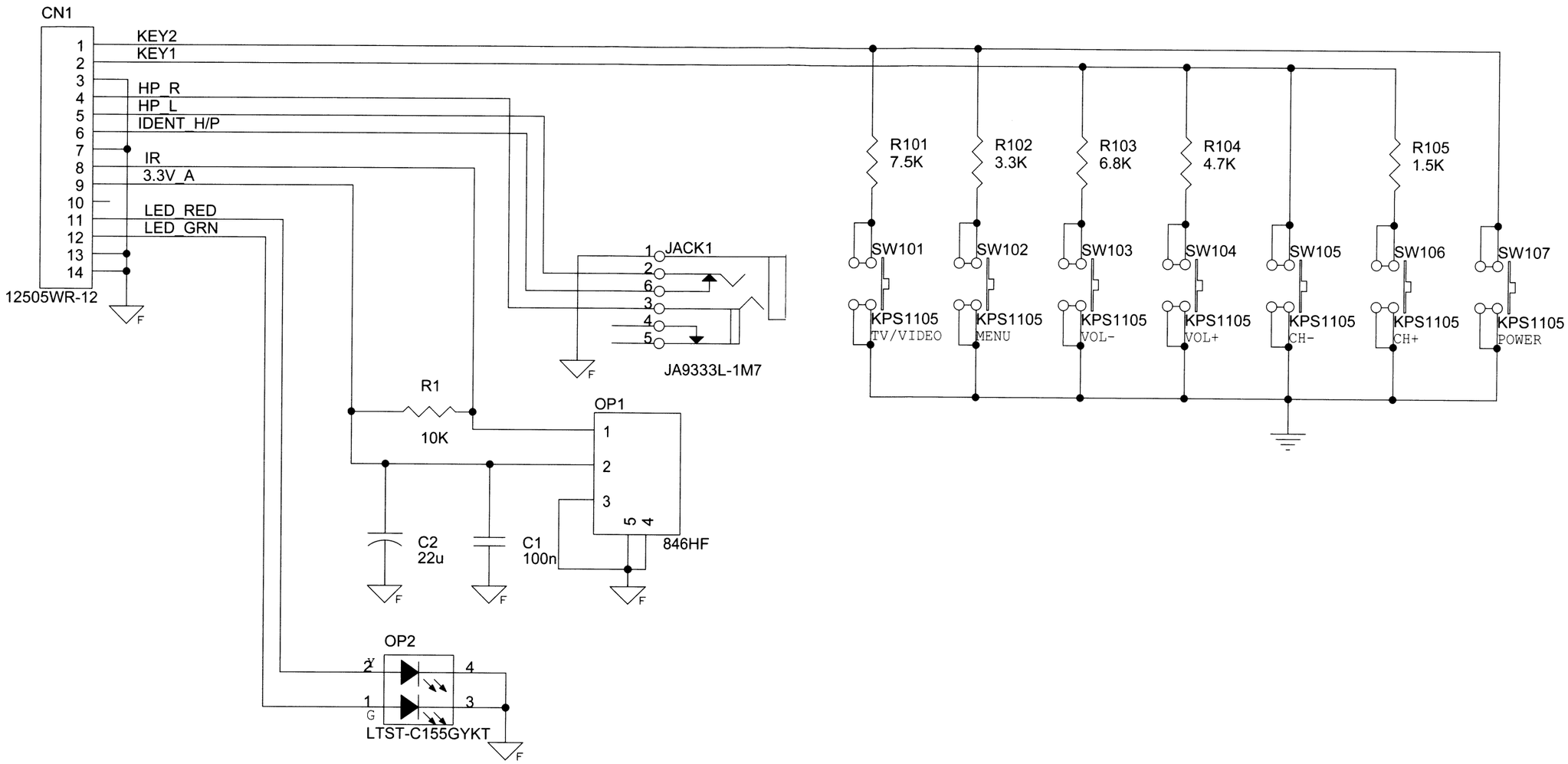
❉ This Document can not be used without Samsung's authorization.

## 11-5 Power Supply, Inverter Board Schematic Diagram



* This Document can not be used without Samsung's authorization.

## 11-6 IR Board Schematic Diagram




H3 H2 H1 9 10

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# 12 Panel Description

| Maker | VENDOR P/N | PANEL_CODE | PANEL_ABB | CODE | Remarks |
|---|---|---|---|---|---|
| SEC | LT140X1-002 | BN07-00004A | SA | BN68-00239H | |
| SEC | LT150XS-L01 | BN07-00009A | SB | | |
| SEC | LT150XS-L01-B | BN07-00022A | SC | | |
| SEC | LTM150XS-L02 | BN07-00005A | SD | | |
| SEC | LT181E2-132 | BN07-00001A | SE | | |
| SEC | LT150XS-T01 | BN07-00010A | SF | | |
| SEC | LTM181E3-132 | BN07-00019A | SG | | |
| SEC | LT170E2-131 | BN07-10001D | SH | | |
| SEC | LT181E2-131 | BN07-10001E | SJ | | |
| SEC | LTM170E4-L01 | BN07-00018A | SK | | |
| SEC | LTM240W1-L01 | BN07-00015A | SL | | |
| SEC | LTM213U3-L01 | BN07-00016A | SM | | |
| SEC | LTM150XH-L01 | BN07-00026A | SN | | |
| SEC | LTM150XH-L03 | BN07-00027A | SP | | |
| SEC | LTM150XS-L01 | BN07-00032A | SQ | | DELL(ZPD) |
| SEC | LTM181E4-L01 | BN07-00034A | SR | | PVA |
| SEC | LTM170EH-L01 | BN07-00036A | SS | | TN |
| SEC | LTM170E5-L01 | BN07-00037A | SU | | PVA |
| SEC | LTM150XH-L11 | BN07-00041A | SV | | |
| SEC | LTM213U4-L01 | BN07-00039A | SW | | PVA |
| SEC | LTM150XH-L01(ZPD) | BN07-00045A | SX | | ZPD |
| SEC | LTM150XH-L04 | BN07-00046A | SY | | PANEL |
| SEC | LTM170W1-L01 | BN07-00047A | SZ | | TV PANEL |
| SEC | LTM150XH-L06 | BN07-00053A | EA | | TV PANEL/450cd _ Sony& EOS TV panel |
| SEC | LTM153W1-L01 | BN07-00054A | EB | | NIKE MODEL |
| SEC | LTM170EH-L05 | BN07-00055A | EC | | 17" EH-L05 panel EOS proj. |
| SEC | LTM170E5-L03 | BN07-00056A | ED | | Dell 1702FP pro. E4. EH Compatible |
| SEC | LTM190E1-L01 | BN07-00057A | EE | | DELL 1900 FP |
| SEC | LTM181E5-L01 | BN07-00061A | EF | | 18" narrow bezel GH18PS |
| SEC | LTM150XP-L01 | BN07-00065A | EG | | AMLCD PVA PANEL |
| SEC | LTM240W1-L02 | BN07-00062A | EH | | 15" Wide tv panel |
| SEC | LTM170EU-L01 | BN07-00071A | EJ | | Slim design, TN |
| SEC | LTM170E5-L04 | BN07-00072A | EK | | E5-L04 6 bits FRC... for IBM |
| SEC | LTA220W1-L01 | BN07-00074A | EL | | 22" TV PANEL |
| SEC | LTM170E6-L02 | BN07-00075A | EM | | AMLCD Narrow & slim design 17" PVA mode |
| SEC | LTM170W1-L01 | BN07-00082A | EN | | LTM170W1-L01 ZPD panel |
| SEC | LTM170EH-L01 | BN07-00080A | EP | | LTM170EH-L01 ZPD panel |
| SEC | LTM170E5-L01 | BN07-00081A | EQ | | LTM170E5-L01 ZPD panel |
| SEC | LTM170EH-L05 | BN07-00083A | ER | | LTM170EH-L05 ZPD panel |
| SEC | LTM170E5-L03 | BN07-00084A | ES | | LTM170E5-L03 ZPD panel |
| SEC | LTM170EU-L01 | BN07-00085A | ET | | LTM170EU-L01 ZPD panel |
| SEC | LTM170E5-L04 | BN07-00086A | EU | | LTM170E5-L04 ZPD panel |
| SEC | LTM170E6-L02 | BN07-00087A | EV | | LTM170E6-L02 ZPD panel |
| SEC | LTM150XH-L06 | BN07-00091A | EW | | LCD TV |
| SEC | LTM153W1-L01 | BN07-00092A | EX | | AMLCD WIDE 15,9/10 |
| SEC | LTM170W1-L01 | BN07-00100A | EY | | code |
| SEC | LTM170EH-L05 | BN07-00097A | EZ | | LTM170E5-L05 Panel Code |
| SEC | LTA400W1-L01 | BN07-00109A | S1 | | AMLCD 40 TV PANEL |
| SEC | LTM153W1-L01 | BN07-00110A | S2 | | 0.280/0.290 , 10000K & ZPD Panel |
| SEC | LTM150XH-L06 | BN07-00111A | S3 | | 0.280/0.290 , 10000K & ZPD Panel |
| SEC | LTM170W1-L01 | BN07-00112A | S4 | | 0.280/0.290 , 10000K & ZPD Panel |
| SEC | LTM170EH-L05 | BN07-00113A | S5 | | 0.280/0.290 , 10000K & ZPD Panel code |
| SEC | LTM220W1-L01 | BN07-00114A | S6 | | AMLCD 22" TV ZPDpanel |
| SEC | LTM150XH-L06 | BN07-00117A | S7 | | ZPD Panel code |

| Maker | VENDOR P/N | PANEL_CODE | PANEL_ABB | CODE | Remarks |
|---|---|---|---|---|---|
| SEC | LTM153W1-L01 | BN07-00118A | S8 | | ZPD code |
| SEC | LTM170WP-L01 | BN07-00119A | S9 | | NIKE PVA PANEL |
| SEC | LTM213U4-L01 | BN07-00039A | E1 | | 21.3 NARROW |
| SEC | LTA260W1-L01 | BN07-00121A | E2 | | VENUS |
| SEC | LTA220W1-L01 | BN07-00074B | E3 | | 22" TV PANEL B PANEL CODE |
| SEC | LTA320W1-L01 | BN07-00108A | E4 | | AMLCD 32 TV PANEL |
| SEC | LTM213U4-L01 | BN07-00124A | E5 | | NARROW BEZEL 21 PANEL |
| SEC | LTM170E6-L04 | BN07-00129A | E6 | | HIGHLAND 17 LOW PANEL (TCO03 PANEL) |
| SEC | LTM190E1-L01 | BN07-00088A | E7 | | LTM190E1-L01 ZPD panel |
| SEC | M150X4-L06 | BN07-00137A | E8 | | 15" Narrow & Slim panel |
| SEC | LTA170V1 | BN07-00139A | E9 | | Muse 4:3 VGA TV 17 Panel |
| SEC | LTM190E1-L02 | BN07-00128A | E10 | | AMLCD Panel 6bit Driver IC |
| SEC | LTM170EX-L01 | BN07-00143A | E11 | | AMLCD Panel |
| SEC | LTM170E8-L01 | BN07-00144A | E12 | | AMLCD Panel |
| SEC | LTM170E6-L04 | BN07-00129B | E13 | | AMLCD ZPD panel (TCO03 PANEL) |
| SEC | LTA320W1-L02 | BN07-00108B | E14 | | AMLCD 32" TV B panel code |
| SEC | LTM190E1-L03 | BN07-00151A | E15 | | AMLCD 19 panel (TCO03 PANEL) |
| SEC | LTM240W1-L03 | BN07-00134A | E16 | | AMLCD 24" panel |
| SEC | LTM190E1-L02 | BN07-00128B | E17 | | AMLCD Panel . : 6bit Driver IC(ZPD) |
| SEC | LTM190E4-L01 | BN07-00145A | E18 | | AMLCD Panel |
| SEC | LTM170E8-L01 | BN07-00158A | E19 | | ZPD code |
| SEC | LTM170EX-L01 | BN07-00159A | E20 | | ZPD code |
| SEC | LTM190E1-L03 | BN07-00151B | E21 | | AMLCD 19" ZPD panel code (TCO03 PANEL) |
| SEC | LTA460H1-L01 | BN07-00157A | E22 | | AMLCD 46" TV panel code |
| SEC | LTM170EU-L11 | BN07-00160A | E23 | | AMLCD 17" panel code (TCO03 PANEL) |
| SEC | LTM240W1-L03 | BN07-00134B | E24 | | 24" panel ZPD Code |
| SEC | LTM190E4-L01 | BN07-00145B | E25 | | AMLCD 19" ZPD Panel code |
| SEC | LTM240W1-L03 | BN07-00134B | E26 | | 24" panel ZPD Code |
| SEC | LTM150XO-L01 | BN07-00164A | E27 | | AMLCD 15 XO-L01 panel |
| SEC | LTM150XO-L01 | BN07-00164B | E28 | | AMLCD 15 XO-L01 ZPD code |
| SEC | LTM170EU-L11 | BN07-00160B | E29 | | AMLCD 17" panel code |
| CPT | CLAA150XG09 | BN07-00141A | PA | | CPT 15" Monitor panel |
| CPT | CLAA170EA02 | BN07-00148A | PB | | 17" CPT panel |
| CPT | CLAA170EA02 | BN07-00148B | PC | | 17" CPT ZPD panel code |
| CPT | CLAA150XG09 | BN07-00141B | PTZ | | CPT 15" panel ZPD code (GOYA-PJT) |
| TOSHIBA | LTM15C419(A) | BN07-00002A | TA | | |
| TOSHIBA | LTM15C423(B) | BN07-00006A | TB | | |
| TOSHIBA | LTM18C161 | BN07-00008A | TC | | |
| TOSHIBA | LTM15C443 | BN07-00031A | TD | | |
| TOSHIBA | LTM15C458 | BN07-00043A | TE | | |
| TOSHIBA | LTM15C458S | BN07-00077A | TF | | TSB 15" Panel |
| TOSHIBA | LTM15C458 | BN07-00078A | TG | | Toshiba ZPD panel |
| TOSHIBA | LTM15C458S | BN07-00099A | TH | | TSB LTM15C458S ( ZPD ) |
| HANNSTAR | HSD150MX41A(A) | BN07-00020A | NA | | TTL |
| HANNSTAR | HSD150MX12 | BN07-00030A | NB | | LVDS |
| TORISAN | TM150XG-22L03(A) | BN07-00021A | RA | | |
| TORISAN | TM150XG-26L06 | BN07-00042A | RB | | |
| TORISAN | TM181SX-76N01 | BN07-00048A | RC | | |
| TORISAN | TM150XG-26L06 | BN07-00059A | RD | | 15 XGA TN MODE(ZPD) |
| TORISAN | TM290WX-71N31 | BN07-00063A | RE | | RS24NS (TORISAN 29 PANEL) |
| TORISAN | TM396WX-71N31 | BN07-00064A | RF | | RS24NS (TORISAN 40 PANEL) |
| TORISAN | TM150XG-26L09 | BN07-00073A | RG | | 15 TV PANEL |
| TORISAN | TM150XG-26L10 | BN07-00089A | RH | | L10(D/IC) ZPD |
| TORISAN | TM150XG-26L10 | BN07-00090A | RJ | | L10 NORMAL |
| TORISAN | TM190SX-70N01 | BN07-00098A | RK | | Torisan 19" Panel |

| Maker | VENDOR P/N | PANEL_CODE | PANEL_ABB | CODE | Remarks |
|---|---|---|---|---|---|
| TORISAN | TM181SX-76N01 | BN07-00106A | RL | | ZPD Panel code |
| TORISAN | TM190SX-70N01 | BN07-00107A | RM | | ZPD Panel code |
| TORISAN | TM290WX-71N31 | BN07-00115A | RN | | Torisan 29" TV panel panel |
| TORISAN | TM396WX-71N31 | BN07-00116A | RP,Q | | Torisan 40" TV panel panel |
| TORISAN | TM220WX-71N31 | BN07-00125A | RR | | TORISAN 22" TV PANEL (ZPD) |
| TORISAN | TM220WX-71N31 | BN07-00127A | RS | | TORISAN 22" TV PANEL (HPD) |
| TORISAN | TM396WX-71N32A | BN07-00150A | RT | | 120V inverter panel |
| SHARP | LQ181E1DG11(A) | BN07-10001C | PA | | |
| SHARP | LQ150X1LW71 | BN07-00067A | PB | | SHARP 15" PVA PANEL |
| HITACHI | TX38D12VC0CAA(A) | BN07-00003A | HA | | |
| HITACHI | TX43DVC0CAB | BN07-00060A | HB | | 17" SXGA PVA MODE |
| HITACHI | TX43D15VC0CAB | BN07-00101A | HC | | ZPD Panel |
| HITACHI | TX51D11VC0CAB | BN07-00122A | HD | | 20.1 NARROW |
| HITACHI | TX54D11VC0CAB | BN07-00123A | HE | | 21.3 NARROW |
| HITACHI | TX80D12VC0CAB | BN07-00169A | HIZ | | Hitachi 32" TV panel (ZPD) |
| IBM | ITSX94S | BN07-00017A | IA | | |
| UNIPAC | UM170E0 | BN07-00028A | UA | | Loaded by cisdba |
| HYUNDAI | HT15X13 | BN07-00035A | DA | | |
| HYUNDAI | HT17E11-200 | BN07-00049A | DB | | TN MODE |
| HYUNDAI | HT17E11-300 | BN07-00093A | DC | | HT17E11-300 ZPD panel |
| HYUNDAI | HT17E11-400 | BN07-00094A | DD | | HT17E11-400 normal panel |
| HYUNDAI | HT17E11-400 | BN07-00095A | DE | | HT17E11-400 ZPD panel code |
| HYUNDAI | HT17E12 | BN07-00096A | DF | | HT17E12 ( Narow & slim Design ) |
| HYUNDAI | HT17E12 | BN07-00105A | DG | | ZPD Panel code |
| HYUNDAI | HT15X15-D00 | BN07-00146A | DH | | Ares 15 Hydis TV Panel |
| HYUNDAI | HT15X15-D01 | BN07-00146B | DJ | | Ares 15 Hydis TV Panel HPD |
| HYUNDAI | HT17E13-100 | BN07-00167A | DTH | | PINEHURST-2(IBM) PJT 17 HYDIS PANEL |
| ACER | L170E3 | BN07-00044A | AA | | TN(ADT) |
| ACER | M170EN05 | BN07-00076A | AB | | AU 17 Panel ( Narrow & slim design ) |
| ACER | M170EN05 | BN07-00102A | AC | | ZPD Panel code |
| ACER | M190EN02 | BN07-00170A | AMH | | AU Monitor 19 panel (P19-1S) |
| ACER | M190EN02 | BN07-00170B | AMZ | | AU 19 ZPD code (ZPD) |
| CHIMEI | M170E3-L01 | BN07-00050A | CA | | TN PANEL |
| CHIMEI | M150X3-L01 | BN07-00051A | CB | | COMPATIBLE |
| CHIMEI | M170E4-L01 | BN07-00052A | CC | | MVA PANEL |
| CHIMEI | M150X2-L01 | BN07-00066A | CD | | CHIME 15I PVA PANEL |
| CHIMEI | M150X3-L01 | BN07-00079A | CE | | Chimei ZPD panel |
| CHIMEI | M170E3-L01 | BN07-00103A | CF | | ZPD Panel code |
| CHIMEI | M170E4-L01 | BN07-00104A | CG | | ZPD Panel code |
| CHIMEI | V296W1-L01 | BN07-00120A | CH | | MVA |
| CHIMEI | M170E6-L02 | BN07-00126A | CJ | | HIGHLAND 17 LOW PANEL |
| CHIMEI | M190E2-L01 | BN07-00131A | CK | | GH19AS,BS CHIMEI PANEL |
| CHIMEI | M150X4-L06 | BN07-00137A | CL | | 15 Narrow & Slim panel |
| CHIMEI | M170E6-L01 | BN07-00133A | CM | | 2003-03-11(D) |
| CHIMEI | M170E6-L01 | BN07-00133B | CN | | ZPD panel |
| CHIMEI | V201V1-T01 | BN07-00135A | CP | | CHIMEI 20.1 panel |
| CHIMEI | M170E6-L02 | BN07-00126B | CQ | | HIGHLAND 17 LOW PANEL ZPD panel |
| CHIMEI | M170E6-L05 | BN07-00152A | CR | | CMO 17 panel code |
| CHIMEI | M170E6-L05 | BN07-00152B | CS | | CMO 17 ZPD panel code |
| CHIMEI | M150X4-L06 | BN07-00137B | CT | | Chimei 15 Narrow & Slim panel ZPD |